		DEPARTMENT	ATE OF UTAH OF NATURAL RE F OIL, GAS AND				FORI		
APPLI	CATION FOR	PERMIT TO DRILL	-			1. WELL NAME and NUMBER Peter's Point Unit Federal 14-27D-12-16			
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WELL					3. FIELD OR WILDO	CAT PETER'S POINT			
4. TYPE OF WELL Gas We	ell Coall	ped Methane Well: NO				5. UNIT or COMMU	NITIZATION AGRE	EMENT NAME	
6. NAME OF OPERATOR	BILL BARR	ETT CORP				7. OPERATOR PHO	NE 303 312-8164		
8. ADDRESS OF OPERATOR	th Street Ste 23	300, Denver, CO, 80202				9. OPERATOR E-MA	IL cer@billbarrettcorp.co	om	
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE	(T)			12. SURFACE OWN	-		
UTU08107 13. NAME OF SURFACE OWNER (if box 12	= 'fee')	FEDERAL (IND	OIAN () STATE (J 1	EE ()	FEDERAL INI	DIAN STATE (ER PHONE (if box 1	FEE ()	
15. ADDRESS OF SURFACE OWNER (if box						16. SURFACE OWN			
13. ADDRESS OF SORTACE OWNER (II DOX							ER E MAIE (II DOX :		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM MULTIPLE FORMATI YES (Submit C			ROM NO 📵	VERTICAL DIF	RECTIONAL 📵 HO	DRIZONTAL 🛑	
20. LOCATION OF WELL	FC	OOTAGES	QTR-QTR	SE	ECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	210 FS	SL 1385 FWL	SESW		27	12.0 S	16.0 E	S	
Top of Uppermost Producing Zone	427 FS	SL 1715 FWL	SESW		27	12.0 S	16.0 E	S	
At Total Depth	633 FS	SL 2036 FWL	SESW		27	12.0 S	16.0 E	S	
21. COUNTY CARBON		22. DISTANCE TO N	EAREST LEASE LII 2036	NE (Fee	t)	23. NUMBER OF AC	RES IN DRILLING	UNIT	
		25. DISTANCE TO N (Applied For Drilling		SAME P	OOL	26. PROPOSED DEPTH MD: 8000 TVD: 7900			
27. ELEVATION - GROUND LEVEL		28. BOND NUMBER	WYB000040			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Nine Mile Creek			
7229		<u> </u>	W1600040			<u> </u>	Wille Pille Creek		
		Α	TTACHMENTS						
VERIFY THE FOLLOWING	ARE ATTACH	IED IN ACCORDAN	CE WITH THE U	тан о	IL AND (GAS CONSERVATI	ON GENERAL RU	JLES	
WELL PLAT OR MAP PREPARED BY	LICENSED SUI	RVEYOR OR ENGINEE	R COM	MPLETE	DRILLING	S PLAN			
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			ACE) FOR	M 5. IF	OPERATO	R IS OTHER THAN T	HE LEASE OWNER		
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			№ ТОР	OGRAPI	HICAL MA	P			
NAME Elaine Winick	NAME Elaine Winick TITLE Sr. Permit Analyst				PHONE 3	303 293-9100			
SIGNATURE DATE 08/20/2010									
SIGNATURE		DATE 08/20/2010			EMAIL e	winick@billbarrettcorp	.com		
API NUMBER ASSIGNED 43007500680000		DATE 08/20/2010 APPROVAL			EMAIL e	winick@billbarrettcorp	.com		

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Cond	26	16	0	40			
Pipe	Grade	Length	Weight				
	Unknown	40	65.0				
						Г	

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Prod	7.875	4.5	0	8000			
Pipe	Grade	Length	Weight				
	Grade N-80 LT&C	8000	11.6			Г	

	Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)			
Surf	12.25	9.625	0	1000			
Pipe	Grade	Length	Weight				
	Grade J-55 ST&C	1000	36.0				

DRILLING PROGRAM

BILL BARRETT CORPORATION Peters Point Unit Federal #14-27D-12-16

SHL: 210' FSL & 1385' FWL SESW 27-T12S-R16E BHL: 633' FSL & 2036' FWL SESW 27-T12S-R16E

Carbon County, Utah

1 – 2. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals</u>

Formation	Depth – MD	Depth – TVD
Green River	Surface	Surface
Wasatch	3260'*	3221'*
North Horn	5237'*	5161'*
Dark Canyon	6797'*	6721'*
Price River	7037'*	6961'*
TD	8000'*	7900'*

PROSPECTIVE PAY: *Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	BOP Equipment		
0 – 1000'	No pressure control required		
1000' – TD	11" 3000# Ram Type BOP		
	11" 3000# Annular BOP		
- Drilling spool to a	accommodate choke and kill lines;		
- Ancillary equipm	ent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in		
accordance with the requirements of onshore Order No. 2;			
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in			
advance of all BOP pressure tests.			
- BOP hand wheels	may be underneath the sub-structure of the rig if the drilling rig used is set up		
to operate most ef	ficiently in this manner.		

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #14-27D-12-16 Carbon County, Utah

4. <u>Casing Program</u>

Hole Size	Setting	<u>Depth</u>	Casing	Casing	Casing	Thread	Condition
	From	<u>To</u>	Size	Weight	<u>Grade</u>		
26"	Surface	40'	16"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	8000'	5 ½"	17.0#	I-100	LT&C	New
7 7/8"			4 1/2"	11.6#	N -80	LT&C	New

Note: BBC will use one of the options of production casing size noted above. Casing grade for each option could be I-100, P-110 or I-80. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

5. <u>Cementing Program</u>

16" Conductor Casing	Grout cement
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement +
-	additives mixed at 12.0 ppg (yield = $2.53 \text{ ft}^3/\text{sx}$).
	<i>Tail</i> with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = $1.16 \text{ ft}^3/\text{sx}$) circulated to surface with 100% excess.
5 ½" Production Casing	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives
OR	mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$).
4 ½" Production Casing	Tail with approximately 1340 sx (4 ½" csg) or 1110 sx (5
	½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg
	(yield = $1.45 \text{ ft}^3/\text{sk}$), circulated to ~800' with 15% excess.
Note: Actual volumes to be calcula	ated from caliper log.

6. <u>Mud Program</u>

<u>Interval</u>	Weight	Viscosity	Fluid Loss (API filtrate)	<u>Remarks</u>
0 – 40'	8.3 - 8.6	27 - 40		Native Spud Mud
40' – 1000'	8.3 - 8.6	27 - 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 - 9.5	38 - 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. <u>Testing, Logging and Core Programs</u>

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #14-27D-12-16 Carbon County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3903 psi* and maximum anticipated surface pressure equals approximately 2165 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

9. <u>Auxiliary Equipment</u>

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Drilling Schedule

Location Construction: September 1, 2010
Spud: January 2011
Duration: 10 days drilling time

30 days completion time

^{**}Maximum surface pressure = A - (0.22 x TD)

Other -Onshore Variances Requested

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
 - 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
 - 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



NINE MILE CEMENT VOLUMES

Well Name:

Peter's Point Unit Federal 14-27D-12-16

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	203.6	ft³
Lead Fill:	650'	
Tail Volume:	109.6	ft³
Tail Fill:	350'	

Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft ³ /sk
% Excess:	100%	

Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

Production Hole Data:

Total Depth:	8,000
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

Calculated Data:

Lead Volume:	522.1	ft³
Lead Fill:	1,700'	
Tail Volume:	1689.2	ft³
Tail Fill:	5,500'	

Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft ³ /sk
% Excess:	15%	

Calculated # of Sacks:

320	# SK's Lead:
1340	# SK's Tail:

Peter's Point Unit Federal 14-27D-12-16 Proposed Cementing Program

Job Recommendation		<u> Su</u>	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft ³ /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0,	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft ³ /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

ob Recommendation		Produc	tion Casing
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft ³ /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	320	sks
Tail Cement - (2500' - 8000')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	5,500'	
0.125 lbm/sk Poly-E-Flake	Volume:	300.84	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1340	sks



NINE MILE CEMENT VOLUMES

Well Name:

Peter's Point Unit Federal 14-27D-12-16

Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	203.6	ft³
Lead Fill:	650'	
Tail Volume:	109.6	ft³
Tail Fill:	350'	

Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft ³ /sk
% Excess:	100%	

Calculated # of Sacks:

170	# SK's Lead:
190	# SK's Tail:

Production Hole Data:

Total Depth:	8,000'
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	429.4	ft³
Lead Fill:	1,700	
Tail Volume:	1389.3	ft°
Tail Fill:	5,500'	

Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft ³ /sk
% Excess:	15%	

Calculated # of Sacks:

260	# SK's Lead:
1110	# SK's Tail:

Peter's Point Unit Federal 14-27D-12-16 Proposed Cementing Program

Job Recommendation		Sur	face Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft ³ /sk
, -	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft ³ /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
1	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

Recommendation		Produc	tion Cas
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft ³ /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
Tail Cement - (2500' - 8000')			
50/50 Poz Premium	Fluid Weight:		lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft ³ /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500	
0.3% Super CBL	Calculated Fill:	5,500'	
0.125 lbm/sk Poly-E-Flake	Volume:	247.42	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1110	sks

PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - 2. One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. 3-inch diameter choke line.
 - 5. Two (2) choke line valves (3-inch minimum).
 - 6. Kill line (2-inch minimum).
 - 7. Two (2) chokes.
 - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
 - 9. Upper kelly cock valve with handles available.
 - 10. Safety valve(s) & subs to fit all drill string connections in use.
 - 11. Pressure gauge on choke manifold.
 - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

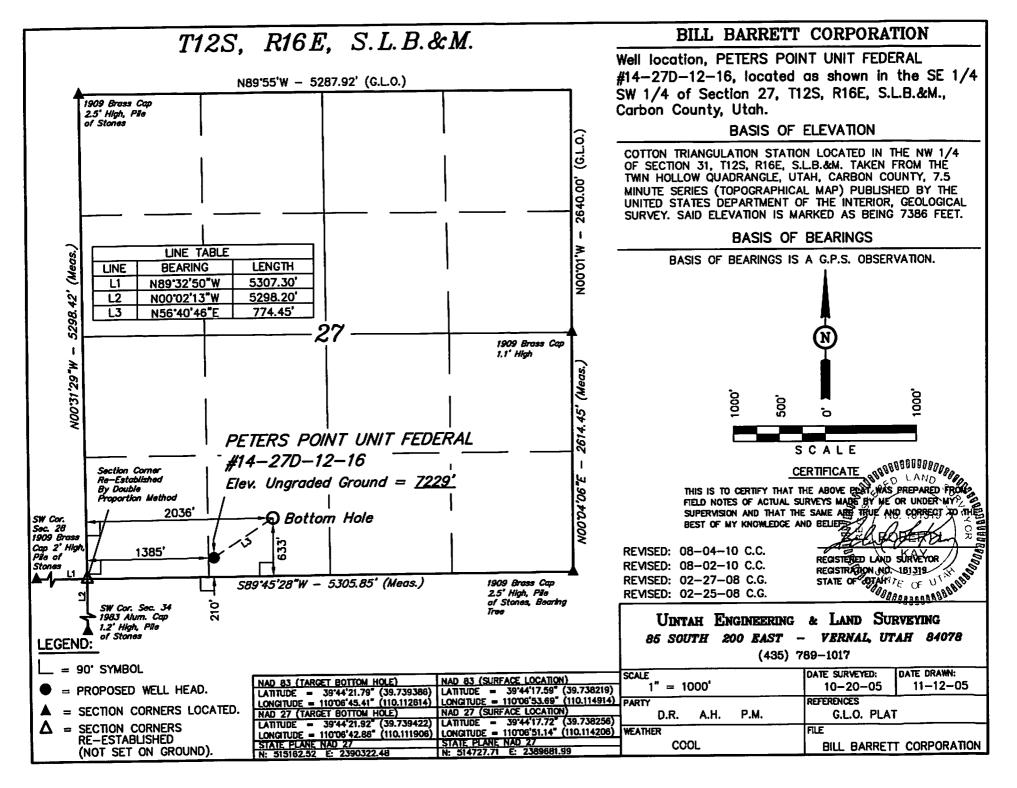
A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

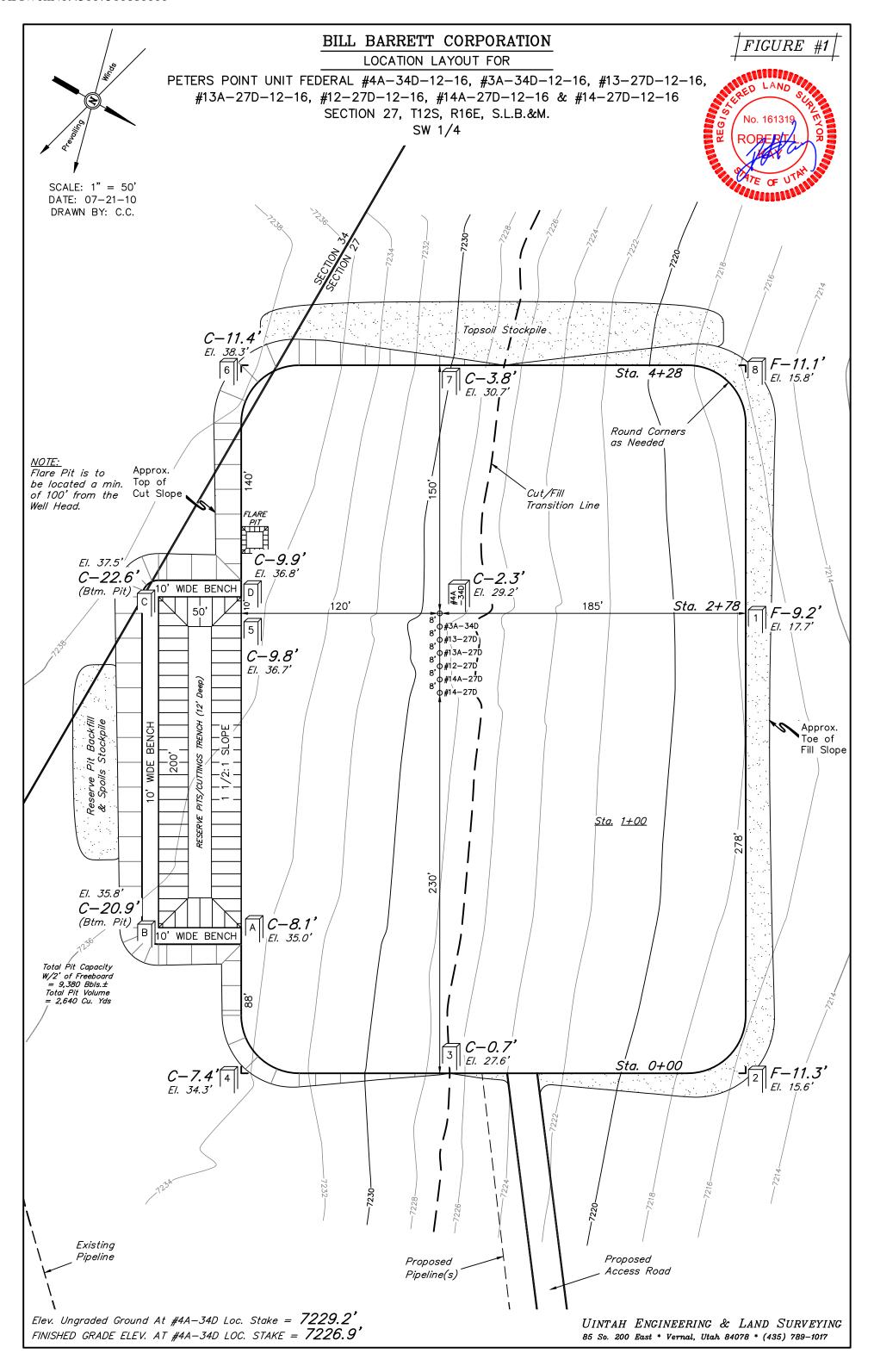
Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

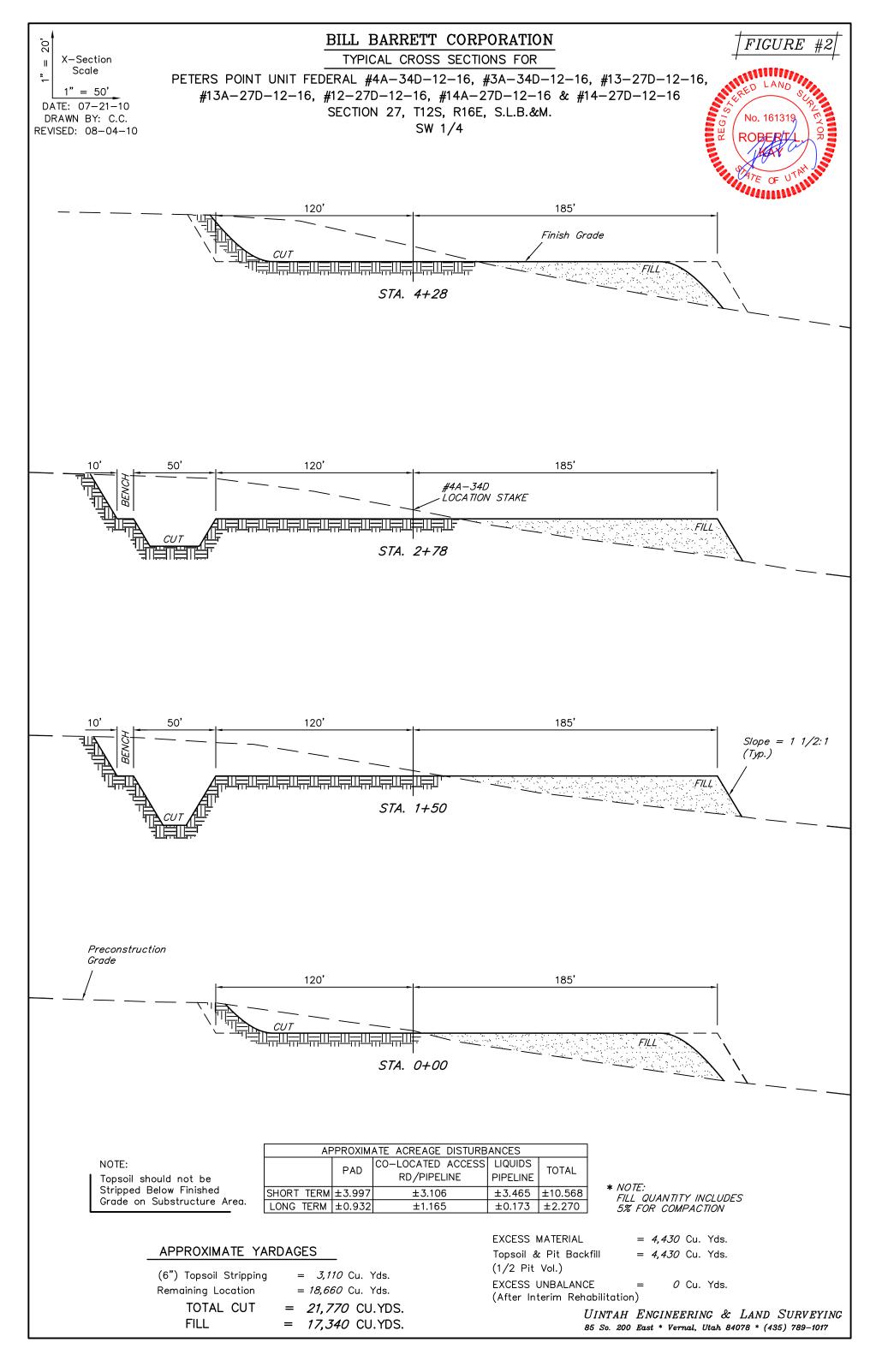
F. Miscellaneous Information:

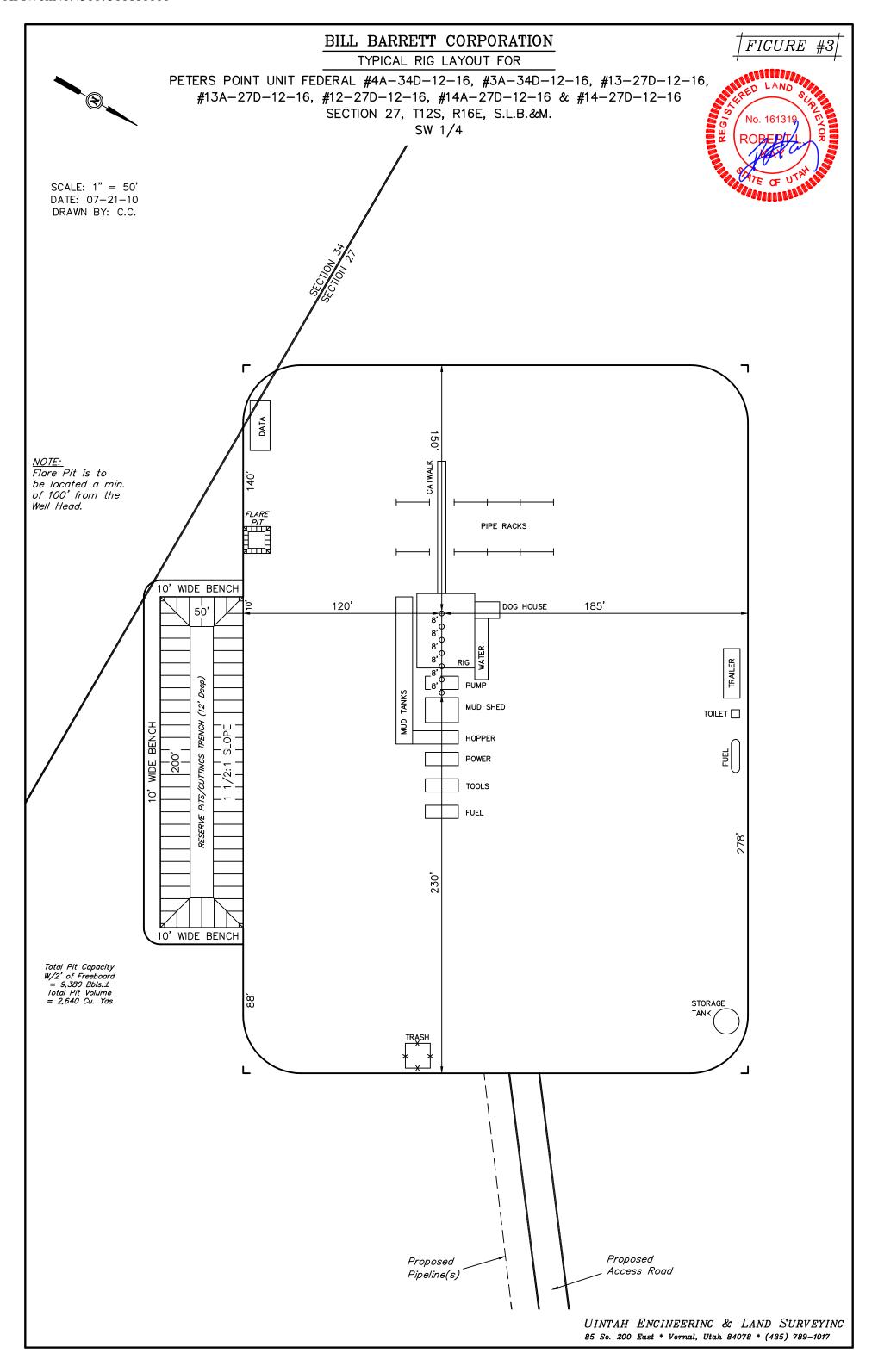
The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

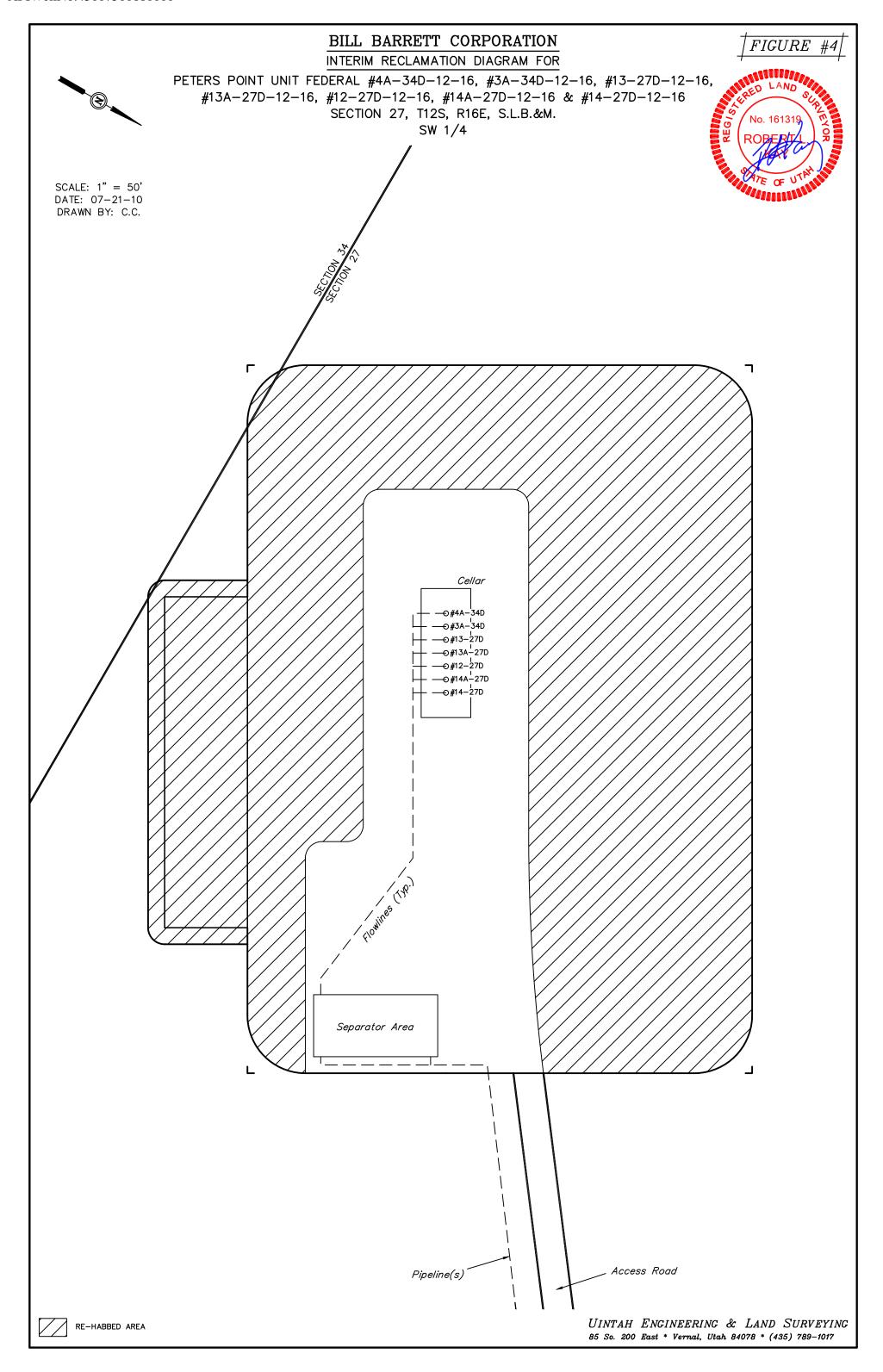
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

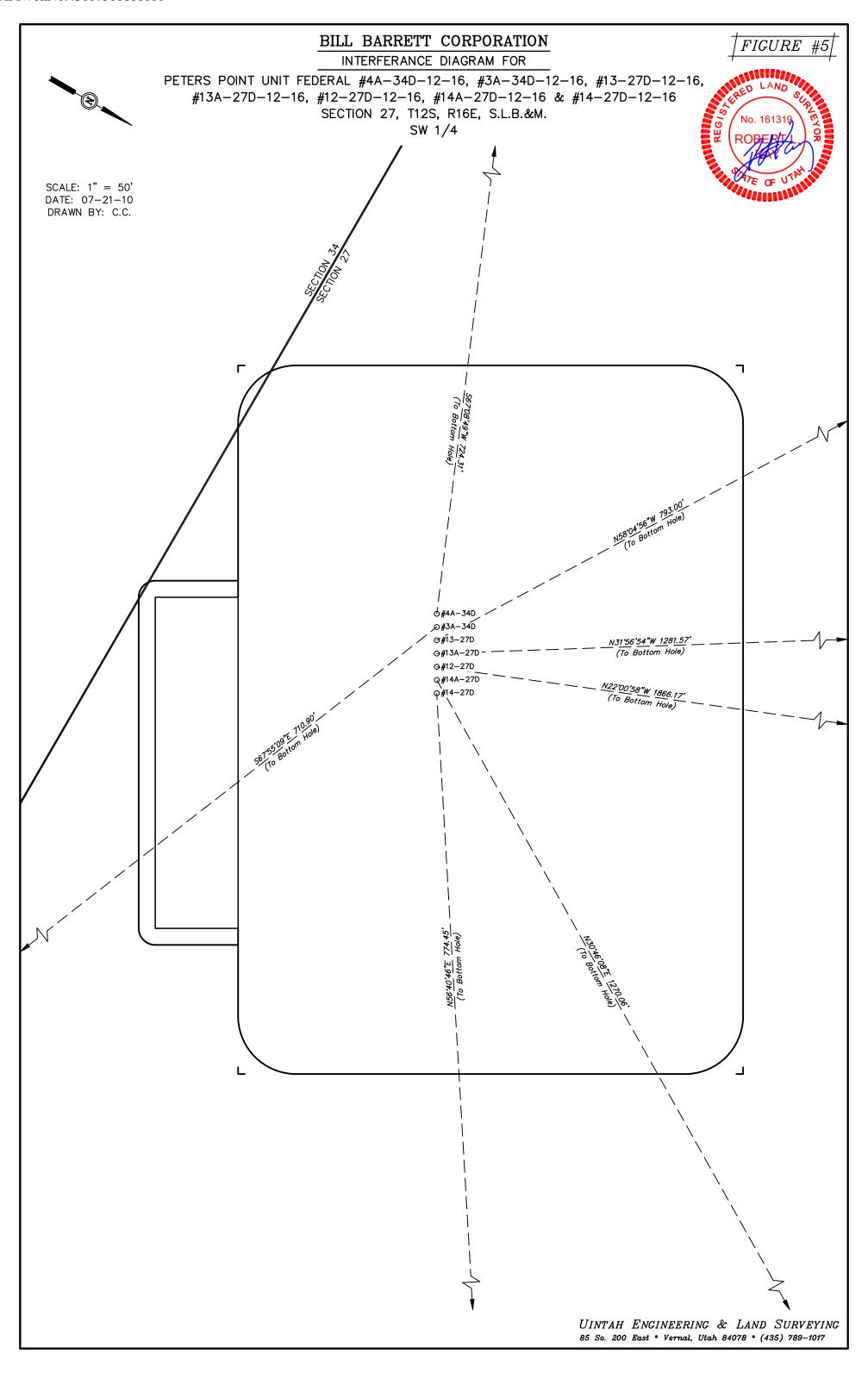


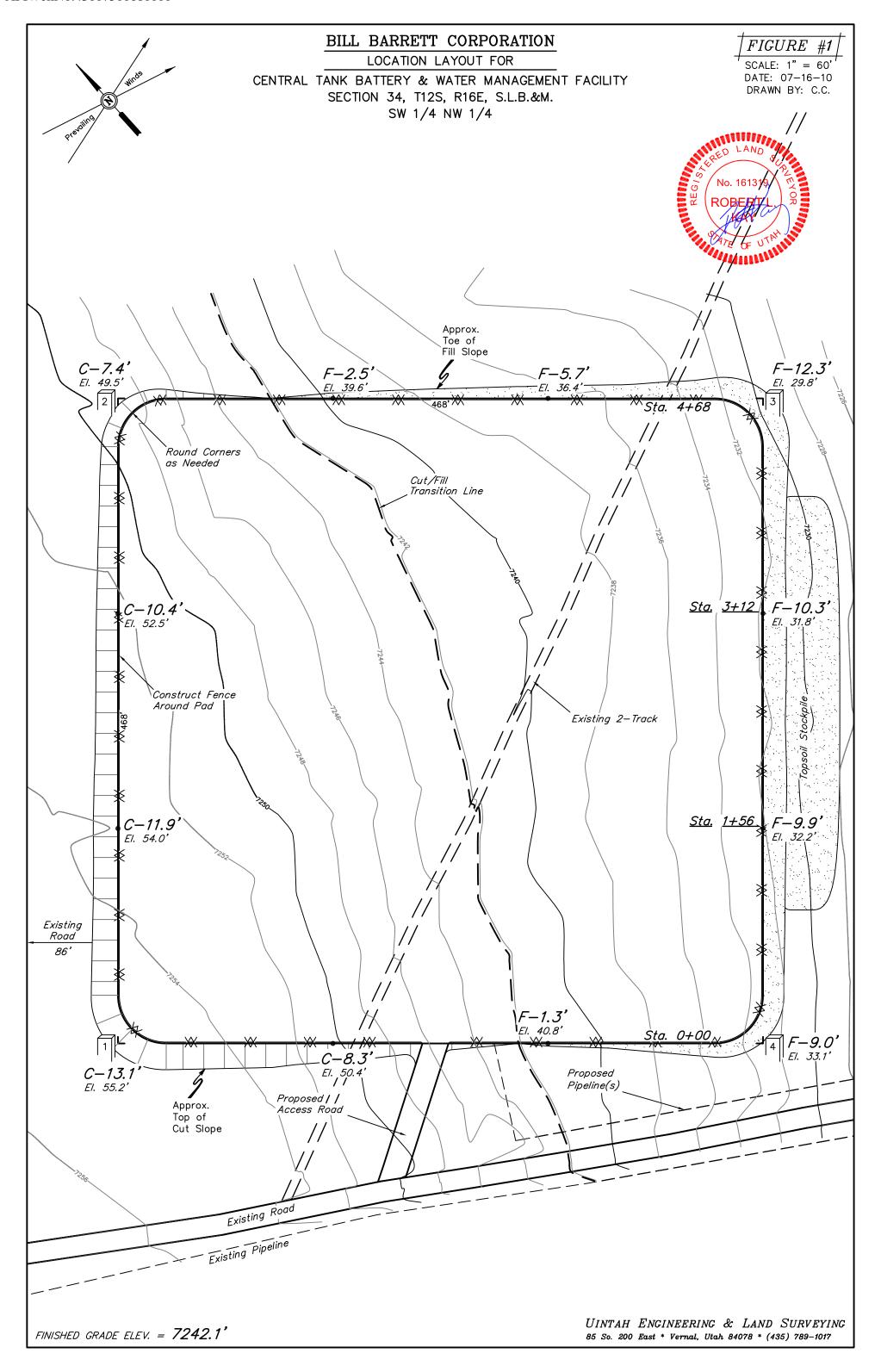








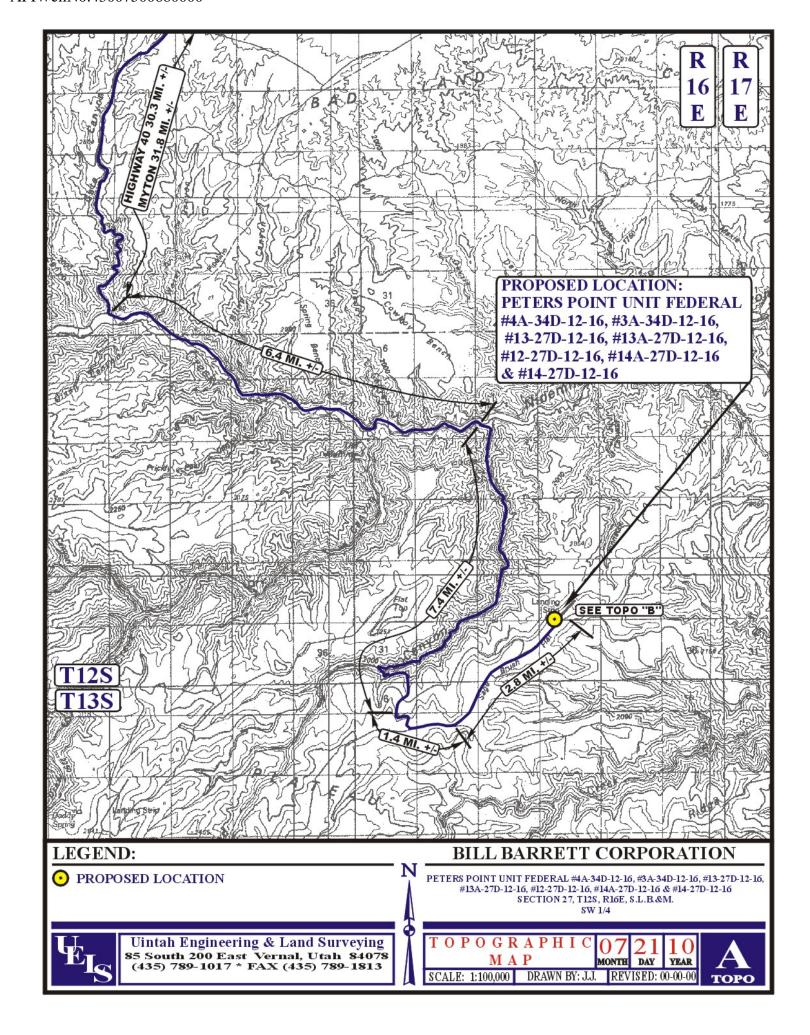


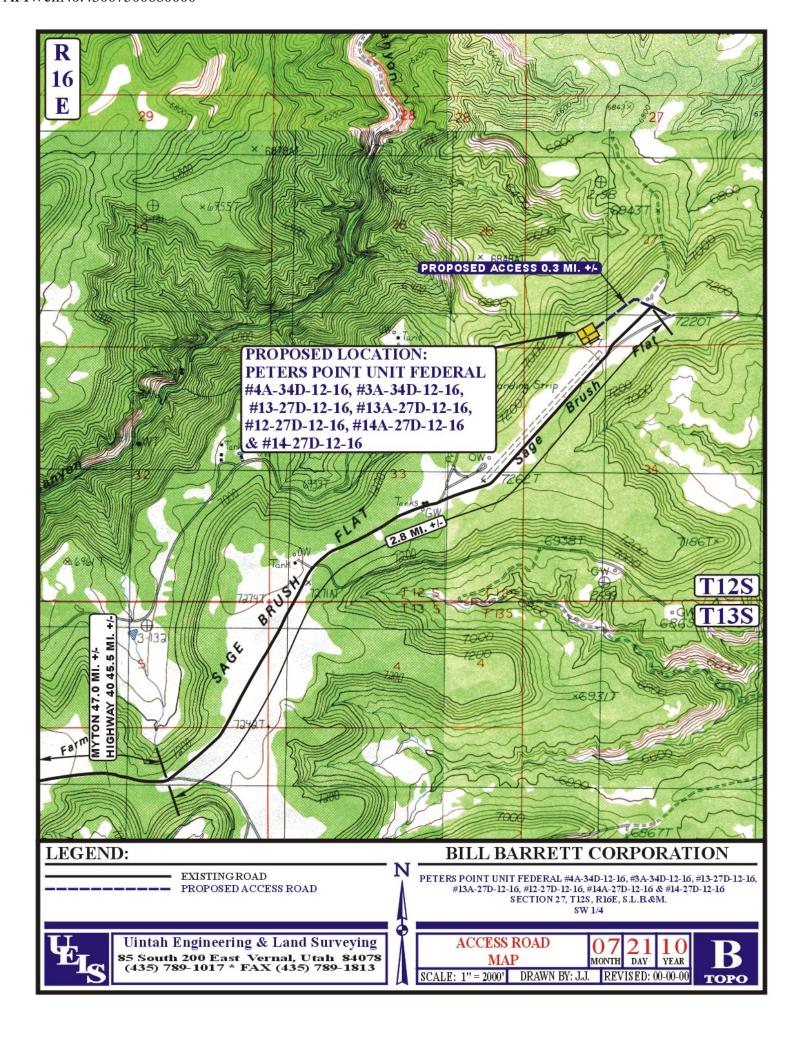


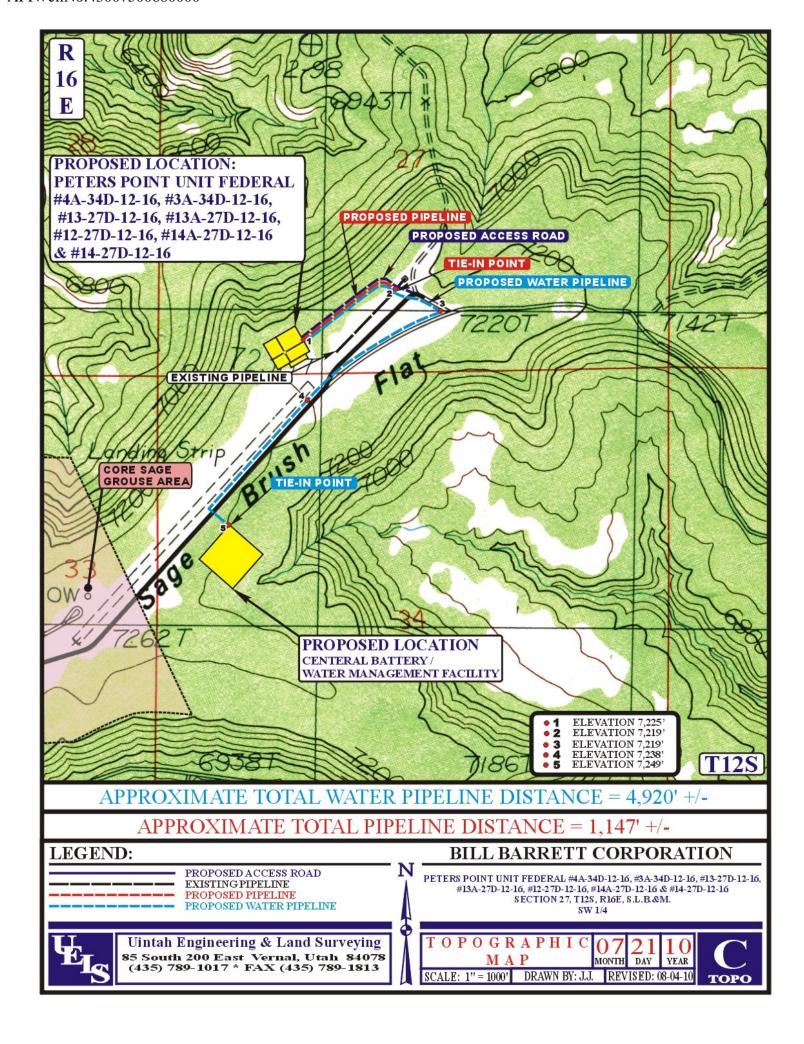
BILL BARRETT CORPORATION PETERS POINTUNIT FEDERAL #4A-34D-12-16, #3A-34D-12-16, #13-27D-12-16, #13A-27D-12-16, #12-27D-12-16, #14A-27D-12-16 & #14-27D-12-16 SECTION 27, T12S, R16E, S.L.B.&M.

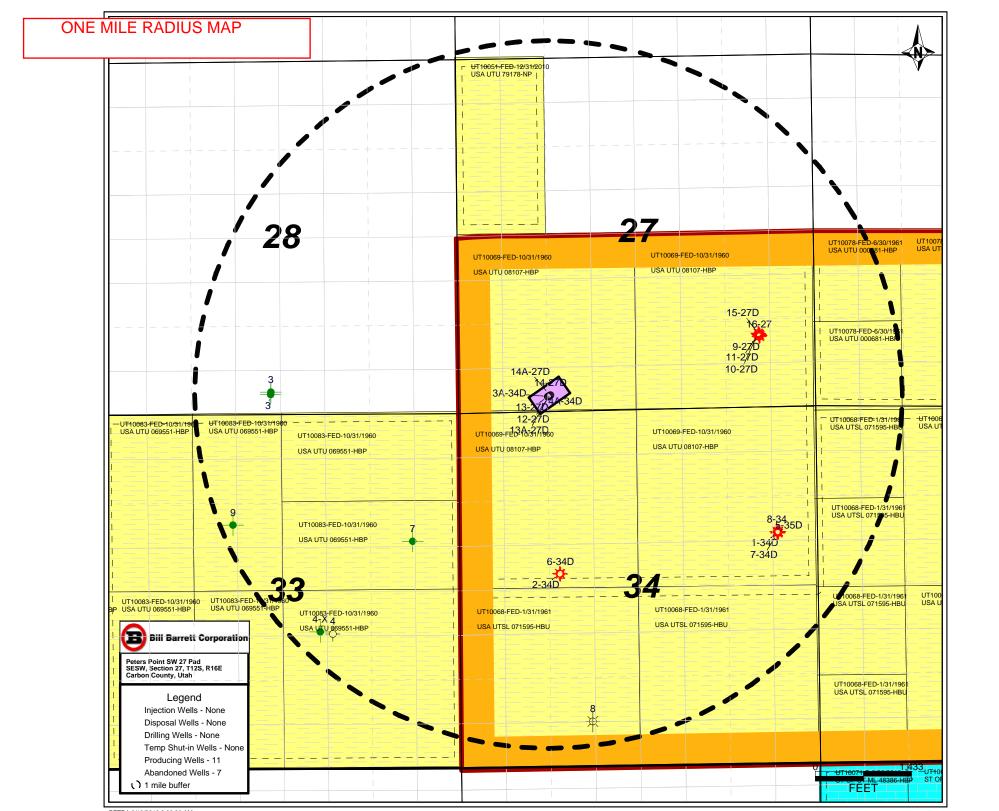
PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: LEFT AND PROCEED IN Α SOUTHEASTERLY DIRECTION APPROXIMATELY 6.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE BEGINNING OF THE PROPOSED ROAD TO THE NORTHWEST: FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.1 MILES.

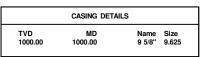




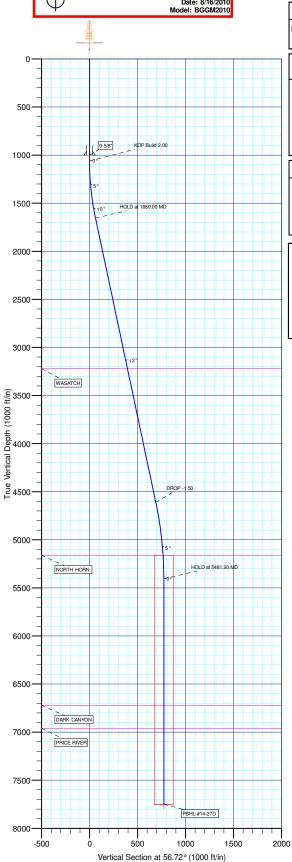








Azimuths to True North Magnetic North: 11.43° Magnetic Field Strength: 52142.7snT Dip Angle: 65.57° Date: 8/16/2010 Model: BGGM2010



Project: CARBON COUNTY, UT (NAD 27) Site: PETERS POINT SW 27-12-16 PAD Well: PETERS POINT UF #14-27D-12-16 Wellbore: PETERS POINT UF #14-27D-12-16 Design: Design #1 Latitude: 39° 44' 17.721 N

Longitude: 110°6'51.145 W

GL: 7229.00

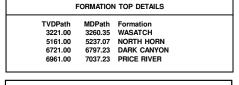
KB: WELL @ 7251.00ft (Original Well Elev) RIG: Original Well Elev



		WEL	L DETAILS: PETERS	POINT UF #14-27D-1	2-16		
+N/-S 0.00	+E/-W 0.00	Northing 514727.71	Ground Level: Easting 2389681.99	7229.00 Latittude 39° 44' 17.721 N	Longitude 110° 6' 51.145 W	Slot	

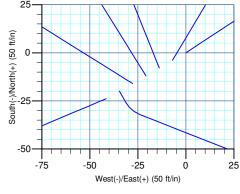
		WELLBO	RE TARGET DE	TAILS (LAT/LONG)		
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL-#14-27D	7751.00	424.88	647.22	39° 44' 21.920 N	110° 6' 42.860 W	Circle (Radius: 100.00)

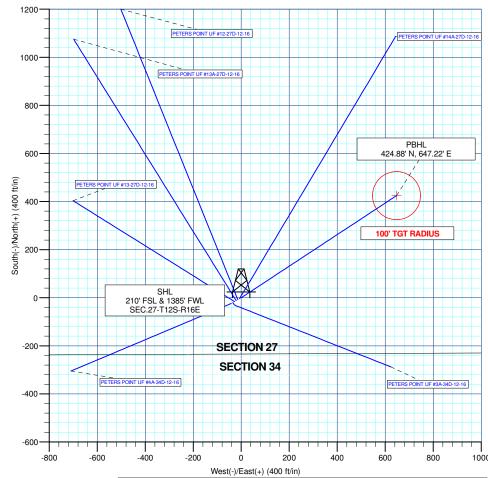
SECTION DETAILS										
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Annotation	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
1060.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	KOP Build 2.00	
1660.00	12.00	56.72	1655.62	34.36	52.33	2.00	56.72	62.60	HOLD at 1660.00 MD	
4681.20	12.00	56.72	4610.80	379.07	577.44	0.00	0.00	690.75	DROP -1.50	
5481.20	0.00	0.00	5404.97	424.88	647.22	1.50	180.00	774.22	HOLD at 5481.20 MD	
7827.23	0.00	0.00	7751.00	424.88	647.22	0.00	0.00	774.22	PBHL-#14-27D	





LEGEND





Created By: TRACY WILLIAMS

Plan: Design #1 (PETERS POINT UF #14-27D-12-16/PETERS POINT UF #14-27D-12-16)

Date: 10:31, August 17 2010

'APIWellNo:43007500680000'



Weatherford International Ltd.

Planning Report



Database: EDM 2003.21 Single User Db BILL BARRETT CORP

Project: CARBON COUNTY, UT (NAD 27)
Site: PETERS POINT SW 27-12-16 PAD
Well: PETERS POINT UF #14-27D-12-16

PETERS POINT UF #14-27D-12-16

Design: Design #1

Wellbore:

Design

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well PETERS POINT UF #14-27D-12-16 WELL @ 7251.00ft (Original Well Elev) WELL @ 7251.00ft (Original Well Elev)

True

Minimum Curvature

Project CARBON COUNTY, UT (NAD 27)

Map System: US State Plane 1927 (Exact solution)

Geo Datum: NAD 1927 (NADCON CONUS)

Map Zone: Utah Central 4302

Mean Sea Level

Using geodetic scale factor

Site PETERS POINT SW 27-12-16 PAD

514,727.71ft Northing: Site Position: Latitude: 39° 44' 17.721 N 2,389,681.99ft 110° 6' 51.145 W From: Map Easting: Longitude: 0.89° 0.00 ft **Slot Radius: Position Uncertainty: Grid Convergence:**

System Datum:

Well PETERS POINT UF #14-27D-12-16

 Well Position
 +N/-S
 0.00 ft
 Northing:
 514,727.71ft
 Latitude:
 39° 44' 17.721 N

 +E/-W
 0.00 ft
 Easting:
 2,389,681.99 ft
 Longitude:
 110° 6' 51.145 W

 +E/-W
 0.00 ft
 Easting:
 2,389,681.99 ft
 Longitude:
 110° 6' 51.145 V

 Position Uncertainty
 0.00 ft
 Wellhead Elevation:
 ft
 Ground Level:
 7,229.00 ft

Wellbore PETERS POINT UF #14-27D-12-16

Design #1

 Magnetics
 Model Name
 Sample Date (°)
 Declination (°)
 Dip Angle (°)
 Field Strength (nT)

 BGGM2010
 8/16/2010
 11.43
 65.57
 52,143

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.00

 Vertical Section:
 Depth From (TVD) (ft)
 +N/-S (ft)
 +E/-W (ft)
 Direction (°)

 0.00
 0.00
 0.00
 56.72

lan Section	S									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,660.00	12.00	56.72	1,655.62	34.36	52.33	2.00	2.00	0.00	56.72	
4,681.20	12.00	56.72	4,610.80	379.07	577.44	0.00	0.00	0.00	0.00	
5,481.20	0.00	0.00	5,404.97	424.88	647.22	1.50	-1.50	0.00	180.00	
7,827.23	0.00	0.00	7,751.00	424.88	647.22	0.00	0.00	0.00	0.00 P	BHL-#14-27D



Weatherford International Ltd.

Planning Report



Database: EDM 2003.21 Single User Db
Company: BILL BARRETT CORP
Project: CARBON COUNTY, UT (NAD

CARBON COUNTY, UT (NAD 27) PETERS POINT SW 27-12-16 PAD

Well: PETERS POINT UF #14-27D-12-16
Wellbore: PETERS POINT UF #14-27D-12-16

Design: Design #1

Site:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PETERS POINT UF #14-27D-12-16 WELL @ 7251.00ft (Original Well Elev) WELL @ 7251.00ft (Original Well Elev)

True

Minimum Curvature

Design	•	Design #1								
Planne	ed Survey									
	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
	9 5/8"									
	1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
	KOP Build	2.00								
	1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,100.00	0.80	56.72	1,100.00	0.15	0.23	0.28	2.00	2.00	0.00
	1,200.00 1,300.00	2.80 4.80	56.72 56.72	1,199.94 1,299.72	1.88	2.86 8.40	3.42 10.05	2.00 2.00	2.00 2.00	0.00 0.00
	,			•	5.51					
	1,400.00	6.80	56.72	1,399.20	11.06	16.85	20.15	2.00	2.00	0.00
	1,500.00 1,600.00	8.80 10.80	56.72 56.72	1,498.27 1,596.81	18.51 27.85	28.19 42.42	33.72 50.74	2.00 2.00	2.00 2.00	0.00 0.00
	HOLD at 16		30.72	1,590.61	27.00	42.42	50.74	2.00	2.00	0.00
	1,660.00	12.00	56.72	1,655.62	34.36	52.33	62.60	2.00	2.00	0.00
	1,700.00	12.00	56.72	1,694.75	38.92	59.29	70.92	0.00	0.00	0.00
	1,800.00	12.00	56.72	1,792.56	50.33	76.67	91.71	0.00	0.00	0.00
	1,900.00	12.00	56.72	1,890.38	61.74	94.05	112.50	0.00	0.00	0.00
	2,000.00	12.00	56.72	1,988.19	73.15	111.43	133.29	0.00	0.00	0.00
	2,100.00	12.00	56.72	2,086.01	84.56	128.81	154.08	0.00	0.00	0.00
	2,200.00	12.00	56.72	2,183.82	95.97	146.19	174.87	0.00	0.00	0.00
	2,300.00	12.00	56.72	2,281.64	107.38	163.57	195.67	0.00	0.00	0.00
	2,400.00	12.00	56.72	2,379.45	118.79	180.95	216.46	0.00	0.00	0.00
	2,500.00	12.00	56.72	2,477.27	130.20	198.33	237.25	0.00	0.00	0.00
	2,600.00	12.00	56.72	2,575.08	141.61	215.71	258.04	0.00	0.00	0.00
	2,700.00	12.00	56.72	2,672.90	153.02	233.09	278.83	0.00	0.00	0.00
	2,800.00	12.00	56.72	2,770.71	164.43	250.47	299.62	0.00	0.00	0.00
	2,900.00 3,000.00	12.00 12.00	56.72 56.72	2,868.53 2,966.34	175.84 187.25	267.85 285.23	320.41 341.20	0.00 0.00	0.00 0.00	0.00 0.00
	3,100.00	12.00	56.72	3,064.16	198.66	302.61	362.00	0.00	0.00	0.00
	3,200.00	12.00	56.72	3,161.97	210.07	320.00	382.79	0.00	0.00	0.00
				•						
	WASATCH 3,260.35	12.00	56.72	3,221.00	216.95	330.48	395.33	0.00	0.00	0.00
	3,300.00	12.00	56.72	3,259.79	221.48	337.38	403.58	0.00	0.00	0.00
	3,400.00	12.00	56.72	3,357.60	232.89	354.76	424.37	0.00	0.00	0.00
	3,500.00	12.00	56.72	3,455.41	244.30	372.14	445.16	0.00	0.00	0.00
	3,600.00	12.00	56.72	3,553.23	255.71	389.52	465.95	0.00	0.00	0.00
	3,700.00	12.00	56.72	3,651.04	267.12	406.90	486.74	0.00	0.00	0.00
	3,800.00	12.00	56.72	3,748.86	278.53	424.28	507.53	0.00	0.00	0.00
	3,900.00 4,000.00	12.00	56.72 56.72	3,846.67	289.94	441.66	528.32 549.12	0.00	0.00 0.00	0.00
	4,000.00 4,100.00	12.00 12.00	56.72 56.72	3,944.49 4,042.30	301.35 312.76	459.04 476.42	549.12 569.91	0.00 0.00	0.00	0.00 0.00
	4,200.00 4,300.00	12.00 12.00	56.72 56.72	4,140.12 4,237.93	324.17 335.58	493.80 511.18	590.70 611.49	0.00 0.00	0.00 0.00	0.00 0.00
	4,400.00	12.00	56.72	4,237.93	346.99	528.56	632.28	0.00	0.00	0.00
	4,500.00	12.00	56.72	4,433.56	358.40	545.94	653.07	0.00	0.00	0.00
	4,600.00	12.00	56.72	4,531.38	369.81	563.32	673.86	0.00	0.00	0.00
	DROP -1.50	0								
	4,681.20	12.00	56.72	4,610.80	379.07	577.44	690.75	0.00	0.00	0.00
	4,700.00	11.72	56.72	4,629.20	381.19	580.67	694.61	1.50	-1.50	0.00
	4,800.00	10.22	56.72	4,727.37	391.63	596.57	713.63	1.50	-1.50	0.00
	4,900.00	8.72	56.72	4,826.01	400.66	610.32	730.08	1.50	-1.50	0.00
	5,000.00	7.22	56.72	4,925.04	408.27	621.91	743.94	1.50	-1.50	0.00
	5,100.00	5.72	56.72	5,024.40	414.45	631.33	755.21	1.50	-1.50	0.00
	5,200.00	4.22	56.72	5,124.02	419.20	638.57	763.87	1.50	-1.50	0.00
	NORTH HO	PRN								

Bill Barrett Corporation

Weatherford International Ltd.

Planning Report



Database: Company: Project:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27)

Site: PETERS POINT SW 27-12-16 PAD Well: PETERS POINT UF #14-27D-12-16

Wellbore: PETERS POINT UF #14-27D-12-16

Design: Design #1 **Local Co-ordinate Reference:**

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PETERS POINT UF #14-27D-12-16 WELL @ 7251.00ft (Original Well Elev) WELL @ 7251.00ft (Original Well Elev)

Minimum Curvature

esigii.		J									
lanned Su	anned Survey										
De	sured epth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,	,237.07 ,300.00 ,400.00	3.66 2.72 1.22	56.72 56.72 56.72	5,161.00 5,223.83 5,323.77	420.60 422.52 424.40	640.70 643.62 646.49	766.42 769.92 773.35	1.50 1.50 1.50	-1.50 -1.50 -1.50	0.00 0.00 0.00	
НО	DLD at 54	81.20 MD									
5, 5, 5,	,481.20 ,500.00 ,600.00 ,700.00 ,800.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,404.97 5,423.77 5,523.77 5,623.77 5,723.77	424.88 424.88 424.88 424.88 424.88	647.22 647.22 647.22 647.22 647.22	774.22 774.22 774.22 774.22 774.22	1.50 0.00 0.00 0.00 0.00	-1.50 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
6, 6, 6,	,900.00 ,000.00 ,100.00 ,200.00 ,300.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,823.77 5,923.77 6,023.77 6,123.77 6,223.77	424.88 424.88 424.88 424.88 424.88	647.22 647.22 647.22 647.22 647.22	774.22 774.22 774.22 774.22 774.22	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
6, 6, 6,	,400.00 ,500.00 ,600.00 ,700.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	6,323.77 6,423.77 6,523.77 6,623.77	424.88 424.88 424.88 424.88	647.22 647.22 647.22 647.22	774.22 774.22 774.22 774.22	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	
	ARK CAN										
6,	,797.23	0.00	0.00	6,721.00	424.88	647.22	774.22	0.00	0.00	0.00	
6,	,800.00 ,900.00 ,000.00	0.00 0.00 0.00	0.00 0.00 0.00	6,723.77 6,823.77 6,923.77	424.88 424.88 424.88	647.22 647.22 647.22	774.22 774.22 774.22	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	
PR	RICE RIVI	ER									
	,037.23 ,100.00	0.00 0.00	0.00 0.00	6,961.00 7,023.77	424.88 424.88	647.22 647.22	774.22 774.22	0.00 0.00	0.00 0.00	0.00 0.00	
7, 7, 7,	,200.00 ,300.00 ,400.00 ,500.00 ,600.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	7,123.77 7,223.77 7,323.77 7,423.77 7,523.77	424.88 424.88 424.88 424.88 424.88	647.22 647.22 647.22 647.22 647.22	774.22 774.22 774.22 774.22 774.22	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	
	,700.00 ,800.00	0.00 0.00	0.00 0.00	7,623.77 7,723.77	424.88 424.88	647.22 647.22	774.22 774.22	0.00 0.00	0.00 0.00	0.00 0.00	
		27D - PBHL-#1	14-27D								
7,	,827.23	0.00	0.00	7,751.00	424.88	647.22	774.22	0.00	0.00	0.00	

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL-#14-27D	0.00	0.00	7,751.00	424.88	647.22	515,162.52	2,390,322.48	39° 44' 21.920 N	110° 6' 42.860 W

plan hits target centerCircle (radius 100.00)

Casing Points							
	Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (in)	Hole Diameter (in)	
	1,000.00	1,000.00	9 5/8"		9.625	12.250	

'APIWellNo:43007500680000'



Weatherford International Ltd.

Planning Report



Database: EDM 2003.21 Single User Db BILL BARRETT CORP Company:

Project: CARBON COUNTY, UT (NAD 27) Site: PETERS POINT SW 27-12-16 PAD Well: PETERS POINT UF #14-27D-12-16 Wellbore: PETERS POINT UF #14-27D-12-16

Design: Design #1 **Local Co-ordinate Reference:**

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PETERS POINT UF #14-27D-12-16 WELL @ 7251.00ft (Original Well Elev) WELL @ 7251.00ft (Original Well Elev)

Minimum Curvature

Formations					
	Measured Depth (ft)	Vertical Depth (ft)	Name	Dip Lithology (°)	Dip Direction (°)
	7,037.23	6,961.00	PRICE RIVER	0.0	00
	3,260.35	3,221.00	WASATCH	0.0	00
	6,797.23	6,721.00	DARK CANYON	0.0	00
	5,237.07	5,161.00	NORTH HORN	0.0	00

Plan Annotations					
Measure	d Vertical	Local Co	ordinates		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
1.060.0		0.00	0.00	KOP Build 2.00	
1,660.0	,	34.36	52.33	HOLD at 1660.00 MD	
4,681.2	20 4,610.80	379.07	577.44	DROP -1.50	
5,481.2	20 5,404.97	424.88	647.22	HOLD at 5481.20 MD	
7,827.2	23 7,751.00	424.88	647.22	PBHL-#14-27D	

'APIWellNo:43007500680000'

SURFACE USE PLAN

BILL BARRETT CORPORATION Peter's Point SW Sec. 27 Pad SUP Carbon County, UT

Peter's Point Unit Federal 14-27D-12-16	Peter's Point Unit Federal 13A-27D-12-16
SESW, 210' FSL, 1385' FWL, Sec. 27, T12S-R16E (surface hole)	SESW, 198' FSL, 1364' FWL, Sec. 27, T12S-R16E (surface hole)
SESW, 633' FNL, 2036' FWL, Sec. 27, T12S-R16E (bottom hole)	SWSW, 1288' FSL, 696' FWL, Sec. 27, T12S-R16E (bottom hole)
Peter's Point Unit Federal 13-27D-12-16	Peter's Point Unit Federal 12-27D-12-16
SESW, 194' FSL, 1357' FWL, Sec. 27, T12S-R16E (surface hole)	SESW, 202' FSL, 1371' FWL, Sec. 27, T12S-R16E (surface hole)
SWSW, 616' FSL, 688' FWL, Sec. 27, T12S-R16E (bottom hole)	NWSW, 1935' FSL, 687' FWL, Sec. 27, T12S-R16E (bottom hole)
Peter's Point Unit Federal 4A-34D-12-16	Peter's Point Unit Federal 3A-34D-12-16
SESW, 186' FSL, 1343' FWL, Sec. 27, T12S-R16E (surface hole)	SESW, 190' FSL, 1350' FWL, Sec. 27, T12S-R16E (surface hole)
NWNW, 92' FNL, 674' FWL, Sec. 34, T12S-R16E (bottom hole)	NENW, 80' FNL, 2007' FWL, Sec. 34, T12S-R16E (bottom hole)
Peter's Point Unit Federal 14A-27D-12-16	
SESW, 206' FSL, 1378' FWL, Sec. 27, T12S-R16E (surface hole)	
SESW, 1295' FSL, 2038' FWL, Sec. 27, T12S-R16E (bottom hole)	

This is a proposed new pad with seven directional wells to be drilled. Onsites for this pad occurred in November 2006, December of 2009 and again on July 29, 2010 to review pad changes.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The proposed pad is located approximately 47 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Peter's Point Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- No topsoil stripping would occur as there are no improvements proposed to existing State, County
 or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate
 with road and weather conditions. Travel would be limited to the existing access roads and
 proposed access road.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.

Bill Barrett Corporation Surface Use Plan Peter's Point SW 27 Pad Carbon County, Utah

> h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Peter's Point Unit area. All new construction would be within the Unit.

Planned Access Road:

- a. From the existing Peter's Point road, approximately 0.3 miles of new access road is proposed (see Topographic Map B) within the Peter's Point unit. A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (3.1 acres short-term) reclaimed to a long-term corridor of 30 ft (1.2 acres long-term).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts are not proposed. A maximum grade of 10 percent would be maintained.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary.
- i. No gates or cattle guards are anticipated at this time.
- Surface disturbance and vehicular travel would be limited to the approved location access road.
 Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- k. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007</u>. BBC would be responsible for all maintenance of the access road.

Bill Barrett Corporation Surface Use Plan Peter's Point SW 27 Pad Carbon County, Utah

3. Location of Existing Wells (see One-Mile Radius Map):

 a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
v.	temp shut-in wells	none
vi.	producing wells	eleven
vii.	abandoned wells	seven

4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 56 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Up to six tanks (up to 400-bbls in capacity) would be installed for this pad. Tank facilities for this pad would be located at a centralized tank battery/water management facility (CTB/WMF) located in the SWNW, Sec. 34, T12S-R16E within the Peter's Point unit. The disturbance, approximately 5.9 acres), required for this CTB/WMF was included in the Peter's Point 6-34D pad APDs. All of the new proposed wells for this pad are within the Peter's Point unit and within the participating area and therefore tanks would be shared among the wells. Figure 1, the Location Layout for the CTB/WMF is attached.
- c. The CTB/WMF would be fenced and would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB/WMF or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. Any variances from this would be submitted via a sundry notice. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3 and any variances would be included with this submittal or submitted via sundry notice.
- f. A combustor may be installed at the proposed CTB/WMF for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10 ft -27 ft tall.
- g. A gas gathering line (up to 8-inch) and a liquids line (up to 6-inch), approximately 1,147 ft in length, is associated with this application and is being applied for at this time (see Topographic Map C). Both lines would leave the east side of the pad and traverse northeast where the gas

Bill Barrett Corporation Surface Use Plan Peter's Point SW 27 Pad Carbon County, Utah

pipeline would tie into the existing 10-inch pipeline and the liquids line would further transport liquids to the CTB/WMF location. Liquids would then be trucked from the CTB/WMF location.

- h. The proposed new gas pipeline would be constructed of steel while the liquids line would be constructed of steel, polyethylene, or fiberglass. The gas pipeline and liquids line would be buried, where soil conditions permit, within the proposed and existing access road and pipeline corridor. Disturbances for the new co-located pipeline are included in 2.b. above. Disturbance associated with the portion of the existing road that the liquids line follows to the CTB/WMF would be approximately 3.5 acres short-term and 0.2 acres long-term.
- Although BBC intends on burying the new proposed pipelines, burial of pipelines would depend
 upon the site-specific topographic and soil conditions and operational requirements. If bedrock
 was encountered, BBC would contact the Authorized Officer at the time of construction to discuss
 further.
- j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
- k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend
 above the original ground level after the fill has settled. Wheel or other methods of compacting
 backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- m. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- n. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
- o. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. Location and Type of Water Supply:

 a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

> Application Number 90-1863, expires June 6, 2011 Application Number 98-860, expires September 30, 2010 Application Number 90-4, expires December 31, 2014 Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the S¼ of Section 8, T12S-R16E or from a water well located in the N¼ of State Section 32-T12S-R16E. For either of these sources, bobtail trucks would haul the water, traveling Cottonwood Canyon dugway to Peter's Point road.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Peter's Point Unit.
- If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Peter's Point unit or from private sources.

7. Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 200 ft x 50 ft cuttings trench (indicated as reserve pit/cuttings trench on Figure 1 located outboard of the location along the south side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

Other

- i. Produced fluids from the wells other than water would be decanted into steel test tanks until such time as construction of production facilities is completed. Produced water may be used in further drilling and completion activities, evaporated in the pit or would be hauled to a state approved disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.

q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- BLM approved and permitted storage yards for tubulars and other equipment and temporary housing areas would be utilized
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 436 ft x 305 ft with a 200 ft x 50 ft (4.0 acres, 0.9 acres long-term) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

Plan for Restoration of the Surface:

Interim Reclamation (see Figure 4)

 Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.

- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

11. Surface and Mineral Ownership:

- a. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

- Montgomery Archaeological Consultants conducted cultural resource inventories for this location under MOAC 05-480, 09-189, 10-089, 09-189(b), and for the CTB under MOAC 06-284 (8/15/06).
- BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs within the WTP Project Area;
 - No firearms within the WTP Project Area;
 - No littering within the WTP Project Area;
 - Smoking within the WTP Project Area would only be allowed in off-operator active
 locations or in specifically designated smoking areas. All cigarette butts would be placed in
 appropriate containers and not thrown on the ground or out windows of vehicles; personnel
 and contractors would abide by all fire restriction orders;
 - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area:
 - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed surface disturbances are within the Peter's Point unit on lease UTU-08107. Total disturbances for this proposal are:

Approximate NE	W Acreage Di	sturbances	•		
	Pad	Co-Located Access/Pipeline	Liquids Pipeline Adjacent to Existing	CTB/WMF	Total
			Road		
Short-Term	3.997	3.106	3.465	Included in	10.568
				PtPt 6-34D	
Long-Term	0.932	1.165	0.173	Included in	2.27
				PtPt 6-34D	

'APIWellNo:43007500680000'

OPERATOR CERTIFICATION

Certification:

E-mail:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

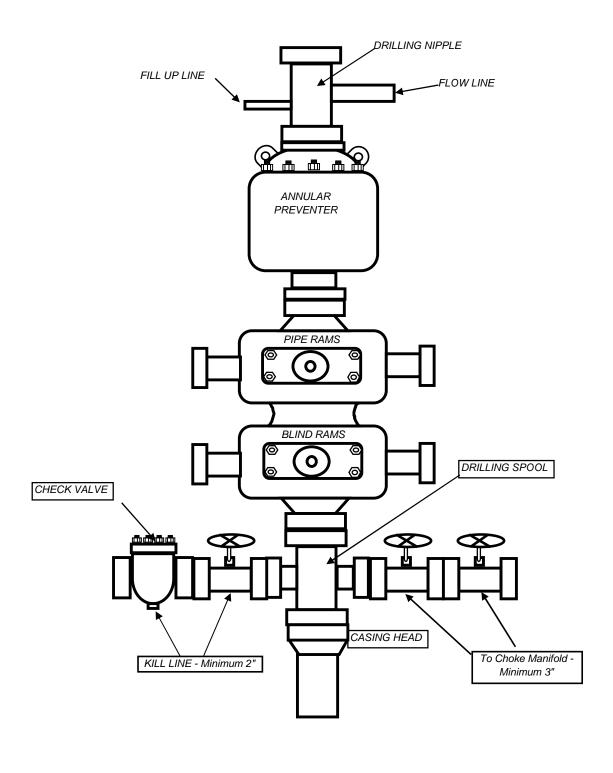
Executed this day of Name: Tracey Fallang Position Title: Regulatory Analyst 1099 18th Street, Suite 2300, Denver, CO 80202 Address: 303-312-8134 Telephone: Field Representative Brandon Murdock 1820 W. Hwy 40, Roosevelt, UT 84066 Address: 435-724-5252 Telephone:

bmurdock@billbarrettcorp.com

Tracey Fallang, Regulatory Manager

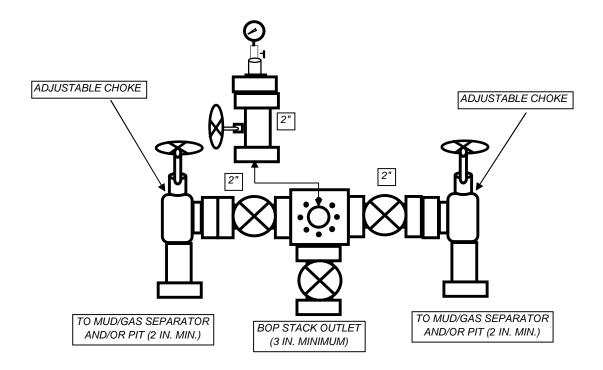
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





August 19, 2010

Ms Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE:

Directional Drilling R649-3-11

Peters Point Unit Federal #14-27D-12-16

SHL: 210' FSL & 1385' FWL SESW 27-T12S-R16E BHL: 633' FSL & 2036' FWL SESW 27-T12S-R16E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the
- BBC hereby certifies that it is the sole working interest owner and this well is located within 460 feet of the unit boundary.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8513.

Sincerely.

Vicki L. Wambolt

Vicki L. Wambolt

Landman Landman

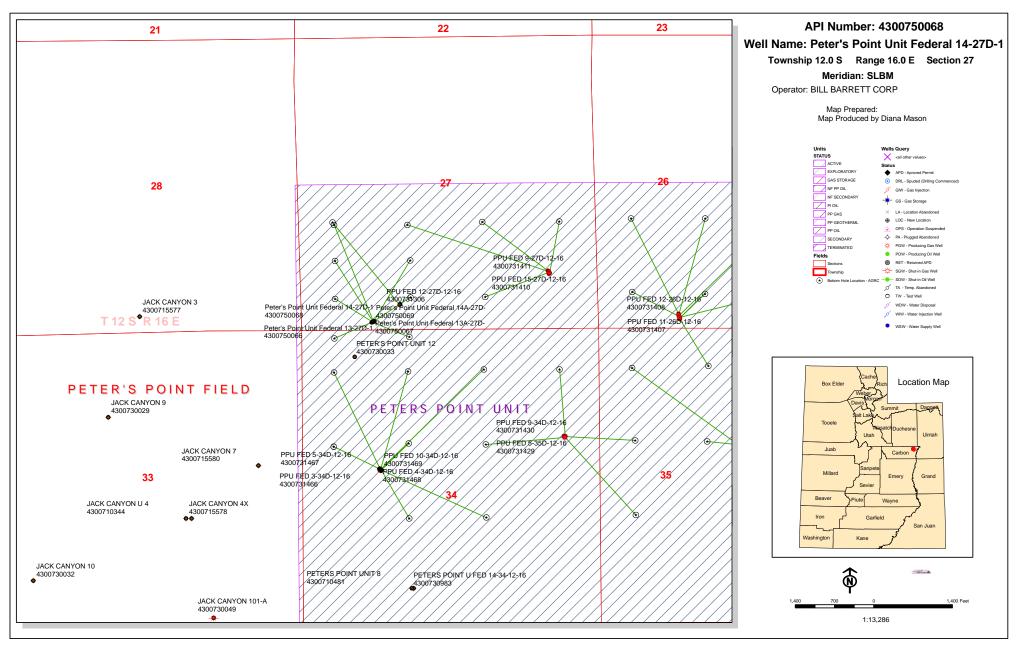
1099 18TH STREET

SUITE 2300

DENVER, CO 80202

P 303.293.9100

F 303.291.0420



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

August 26, 2010

Memorandum

To: Associate Field Office Manager,

Price Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2010 Plan of Development Peter's Point Unit

Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2010 within the Peter's Point Unit, Carbon County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Wasatch-Mesaverde)

43-007-50063 P Point Fed 3A-34D-12-16 Sec 27 T12S R16E 0190 FSL 1350 FWL BHL Sec 34 T12S R16E 0080 FNL 2007 FWL 43-007-50064 P Point Fed 4A-34D-12-16 Sec 27 T12S R16E 0186 FSL 1343 FWL

BHL Sec 34 T12S R16E 0092 FNL 0674 FWL

43-007-50065 P Point Fed 12-27D-12-16 Sec 27 T12S R16E 0202 FSL 1371 FWL BHL Sec 27 T12S R16E 1935 FSL 0687 FWL

43-007-50066 P Point Fed 13-27D-12-16 Sec 27 T12S R16E 0194 FSL 1357 FWL BHL Sec 27 T12S R16E 0616 FSL 0688 FWL

43-007-50067 P Point Fed 13A-27D-12-16 Sec 27 T12S R16E 0198 FSL 1364 FWL BHL Sec 27 T12S R16E 1288 FSL 0696 FWL

43-007-50068 P Point Fed 14-27D-12-16 Sec 27 T12S R16E 0210 FSL 1385 FWL BHL Sec 27 T12S R16E 0633 FSL 2036 FWL

43-007-50069 P Point Fed 14A-27D-12-16 Sec 27 T12S R16E 0206 FSL 1378 FWL BHL Sec 27 T12S R16E 1295 FSL 2038 FWL

Please be advised that this memo modifies the location of the 12-27D-12-16 referenced in our memorandum dated July 25, 2007 and the 14-27D-12-16 referenced in the 2007 Plan of Development submitted by BBC and approved by our office on March 29, 2007.

This office has no objection to permitting the wells at this

Michael L. Coulthard

Digitally signed by Michael L. Coulthard

DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2010.08.26 15:59:25-06:00'

bcc: File - Peter's Point Unit Division of Oil Gas and Mining Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:8-26-10

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/20/2010 **API NO. ASSIGNED:** 43007500680000

WELL NAME: Peter's Point Unit Federal 14-27D-12-16

OPERATOR: BILL BARRETT CORP (N2165) **PHONE NUMBER:** 303 293-9100

CONTACT: Elaine Winick

PROPOSED LOCATION: SESW 27 120S 160E **Permit Tech Review:**

> SURFACE: 0210 FSL 1385 FWL **Engineering Review:**

> **BOTTOM:** 0633 FSL 2036 FWL **Geology Review:**

COUNTY: CARBON

LATITUDE: 39.73816 **LONGITUDE:** -110.11416 **UTM SURF EASTINGS: 575905.00 NORTHINGS: 4398862.00**

FIELD NAME: PETER'S POINT **LEASE TYPE:** 1 - Federal

LEASE NUMBER: UTU08107 PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal **COALBED METHANE: NO**

RECEIVED AND/OR REVIEWED: LOCATION AND SITING:

 PLAT R649-2-3.

Bond: FEDERAL - WYB000040 Unit: PETERS POINT

Potash R649-3-2. General

Oil Shale 190-5

Oil Shale 190-3 R649-3-3. Exception

Oil Shale 190-13 **Drilling Unit**

Board Cause No: Cause 157-03 ✓ Water Permit: Nine Mile Creek

Effective Date: 5/29/2001 **RDCC Review:**

Siting: 460' From Exterior Unit Boundary **Fee Surface Agreement**

✓ R649-3-11. Directional Drill **Intent to Commingle**

Commingling Approved

Comments: Presite Completed

4 - Federal Approval - dmason 15 - Directional - dmason Stipulations:

API Well No: 43007500680000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Peter's Point Unit Federal 14-27D-12-16

API Well Number: 43007500680000

Lease Number: UTU08107 Surface Owner: FEDERAL Approval Date: 9/1/2010

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 157-03. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

API Well No: 43007500680000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

			FORM 9			
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES					
	DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107			
SUND	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	7.UNIT or CA AGREEMENT NAME: PETERS POINT					
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: PETERS POINT UNIT FED 14-27D-12-16					
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007500680000					
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, [NUMBER: 8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27		STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
8/25/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or Date: October 18, 2010 interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letagrand affidavit of notice is attached. As per Marvin Hendrickson with the Price BLM, federal authority of this action is not necessary.						
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Manager				
SIGNATURE	333 312 0134	DATE				
N/A		9/9/2010				



August 5, 2010

Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Sait Lake City, UT 84116

Attention: Dustin Doucet

RE:

Sundry Notices

Peters Point Unit

Sections 27 & 34 T12S R16E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 14A-27D-12-16, 14-27D-12-16, 12-27D-12-16, 13-27D-12-16, 13A-27D-12-16, 3A-34D-12-16 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

Endosures

1099 18TH STREET SUITE 2300 DENVER, CO 80202 O 303.293.9100 F 303.291.0420



AFFIDAVIT OF NOTICE

My name is Vickl L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 14A-27D-12-16, 14-27D-12-16, 12-27D-12-16, 13-27D-12-16, 13A-27D-12-16, 3A-34D-12-16 & 4A-34D-12-16 wells drilled from the pad located in the SW of Section 27, Township 12 South, Range 16 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102

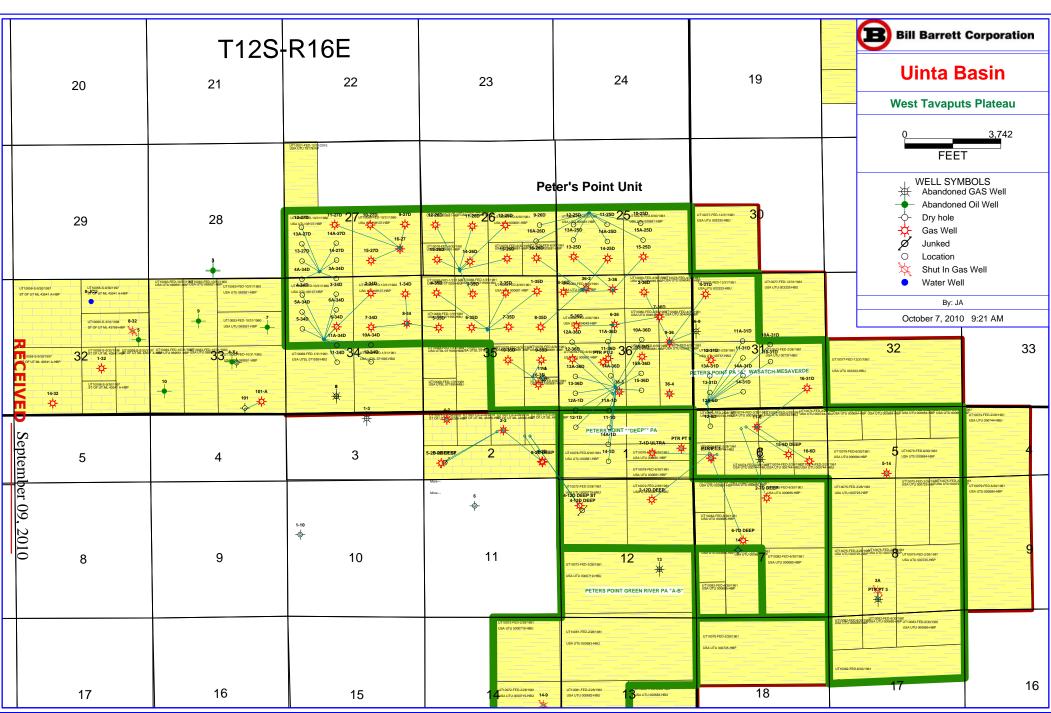
Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Date: August 5, 2010

Affiant

Vicki L. Wambolt

1099 18TH STREET SUITE 2300 DENVER, CO 80202 O 303.293 9100 F 303.291 0420





August 5, 2010

Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Certified Mail 7008 2810 0002 3823 8828

Attention: Marvin Hendricks

RE: Sundry Notices

Peters Point Unit

Sections 27 & 34 T125 R16E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federai 14A-27D-12-16, 14-27D-12-16, 12-27D-12-16, 13-27D-12-16, 13A-27D-12-16, 3A-34D-12-16 & 4A-34D-12-16 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

its Tellusbalt

Vicki L. Wambolt

Landman

Enclosures

1099 18TH STREET SUITE 2300 DENVER, CO 80202

O 303 293 9100

F 303 291 0420



August 5, 2010

State of Utah Certified Mail 7008 2810 0002 3823 8835 School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

Attention: LaVonne Garrison

RE: Sundry Notices

Peters Point Unit

Sections 27 & 34 T12S R16E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 14A-27D-12-16, 14-27D-12-16, 12-27D-12-16, 13-27D-12-16, 13A-27D-12-16, 3A-34D-12-16 & 4A-34D-12-16 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

Enclosures

1099 18TH STREET SUITE 2300 DENVER, CO 80202 O 303 293 9100 F 303 291 0420 Form 3160-3 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

Lease Serial No.

	그 그 그 이 사람들이 되는 것이 되었다.	UTU08107	
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Na	ame
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Nat UTU63014D	me and No.
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth		8. Lease Name and Well No. PETERS POINT UNIT FEI	DERAL 14-27D-
BILL BARRETT CORPORATION E-Mail: ewinick(ELAINE WINICK @billbarrettcorp.com	9. API Well No. 43-007- 5 0068	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b: Phone No. (include area code) Ph: 303.312.8168	10. Field and Pool, or Explorato PETERS POINT	ry
4. Location of Well (Report location clearly and in accord	I ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and	Survey or Area
At surface SESW 210FSL 1385FWL At proposed prod. zone SESW 633FSL 2036FWL		Sec 27 T12S R16E Mer SME: BLM	SLB
 Distance in miles and direction from nearest town or post MILES SW OF MYTON, UT 	office*	12. County or Parish CARBON	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2036' LEASE, 2036' UNIT	16. No. of Acres in Lease 640.00	17. Spacing Unit dedicated to th	is well
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file	···:
1346'	8000 MD 7900 TVD	WYB000040	
21. Elevations (Show whether DF, KB, RT, GL, etc. 7229 GL	22. Approximate date work will start 09/01/2010	23. Estimated duration 40	
	24. Attachments		: : :
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to t	his form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off 	em Lands, the ltem 20 above). 5. Operator certification 6. Such other site specific inf authorized officer.	ns unless covered by an existing bo	
25. Signature (Electronic Submission)	Name (Printed/Typed) ELAINE WINICK Ph: 303.312.8168		ate 08/19/2010
Title SR PERMIT ANALYST			***

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department of the States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

acting field manager

DEC 0 2 2010

Date

Electronic Submission #91505 verified by the BLM Well Information Syller OF OIL, GAS & MINING For BILL BARRETT CORPORATION, sent to the Moab Committed to AFMSS for processing by ANITA JONES on 08/23/2010 (10AIJ0297AE)

PRICE FIELD OFFICE

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF **APPROVAL**

NOS 8/5/10



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** PRICE FIELD OFFICE



125 SOUTH 600 WEST

PRICE, UT 84501

(435) 636-3600

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Bill Barrett Corporation

Surface Location: SESW-Sec 27-T12S-R16E

Well No:

Peters Point Unit Federal 14-27D-12-16

Lease No:

UTU-08107

API No:

43-007-50068

Agreement:

UTU-63014D

OFFICE NUMBER:

(435) 636-3600

OFFICE FAX NUMBER:

(435) 636-3657

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS) **Location Completion** (Notify NRS) **Spud Notice** (Notify Petroleum Engineer) Casing String & Cementing (Notify Petroleum Eng. Technician) **BOP & Related Equipment Tests** (Notify Petroleum Eng. Technician) First Production Notice (Notify Petroleum Engineer)

- Forty-Eight (48) hours prior to construction of location and access roads.
- Prior to moving on the drilling rig.
- Twenty-Four (24) hours prior to spudding the well.
- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- Twenty-Four (24) hours prior to initiating pressure tests.
- Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8
Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

VARIANCES GRANTED

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
 - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
 - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
 - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

Page 3 of 8
Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H₂S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
 closing unit controls shall remain unobstructed and readily accessible at all times, and choke
 manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
 requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
 the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
 flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 8
Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

STANDARD OPERATING REQUIREMENTS (cont.)

 Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.

- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
 be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging
 of the well (unless the plugging is to take place immediately upon receipt of oral approval), so
 that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

Page 5 of 8 Date: 9/20/2010 Well: Peters Point Unit Federal 14-27D-12-16

SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Peter's Point Drilling Program One Multiple Well Location

Operator: Bill Barrett Corporation

List of Wells:

Name	Number	Section	TWP/RNG
Peter's Point Unit Federal	14A-27D-12-16	27	12S/16E
Peter's Point Unit Federal	14-27D-12-16		
Peter's Point Unit Federal	12-27D-12-16		
Peter's Point Unit Federal	13-27D-12-16		
Peter's Point Unit Federal	13A-27D-12-16		
Peter's Point Unit Federal	3A-34D-12-16		
Peter's Point Unit Federal	4A-34D-12-16		

I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

II Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. A Paleontologist permitted by BLM will monitor construction activity during surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan. Contact the Price Field Office paleontological lead (Michael Leschin @ 435-636-3619) prior to start of surface disturbing activities.

Page 6 of 8
Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

- 3. The cuttings trench shall be lined.
- 4. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 5. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 6. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
- 7. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 8. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

III Standard Conditions of Approval

A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

B. Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- 3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

Page 7 of 8
Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- 2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

Page 8 of 8
Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider--a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107		
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16		
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007500680000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D	9. FIELD and POOL or WILDCAT: PETERS POINT				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL		COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE ☐	ALTER CASING	☐ CASING REPAIR		
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME		
1/1/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	□ NEW CONSTRUCTION		
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK		
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Date:	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: well test procedures		
This sundry is being and verbally approve	pmpleted operations. Clearly show all perting submitted to further clarify testing the BLM as well as final ed 27 Pad (see attached). Please concept questions at 303-312-8115	ng procedures discussed quipment installations on intact Brady Riley with	Accepted by the Utah Division of Oil, Gas and Mining		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst			
SIGNATURE		DATE 12/21/2010			

General Well Testing

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the Peter's Point 6-34D Pad are as follows:

Well Name			Lease		
Peter's Point Unit Fed	API	Drill Phase ¹	UTU-	PA Boundary	Facilities
6A-34D-12-16	not yet permitted	2	08107	In	1) All phase 1 wells proposed are within the PA; Phase 2 wells are outside the PA.
10-34D-12-16	not yet permitted	2	UTSL- 071595	Out	Liquids to be piped to a newly constructed central tank battery (CTB) and future water
10A-34D-12-16	not yet permitted	2	UTSL- 071595	Out	management facility located in the SWNW, Sec. 34, T12S-R16E. Four buried liquid lines
11-34D-12-16	not yet permitted	2	UTSL- 071595	Out	were laid, up to 4 inches in diameter. One PA and one PA test, one non-PA and one non-PA
11A-34D-12-16	not yet permitted	2	UTSL- 071595	Out	test. 3) One 6 inch buried gas line existed to the 10 inch tie-in.
3-34D-12-16	4300731466	1	08107	In	4) One 300-bbl low profile test tank to be installed on the 6-34D pad. All productioon
4-34D-12-16	4300731468	1	08107	ln	tanks were moved to the CTB and up to 6-625 bbl tanks are onsite at the CTB.
5-34D-12-16	4300731467	1	08107	ln	5) Two existing (in PA wells) are located on the 6-34D pad and production would be
5A-34D-12-16	not yet permitted	2	08107	In	combined between these and the newly proposed in PA wells.

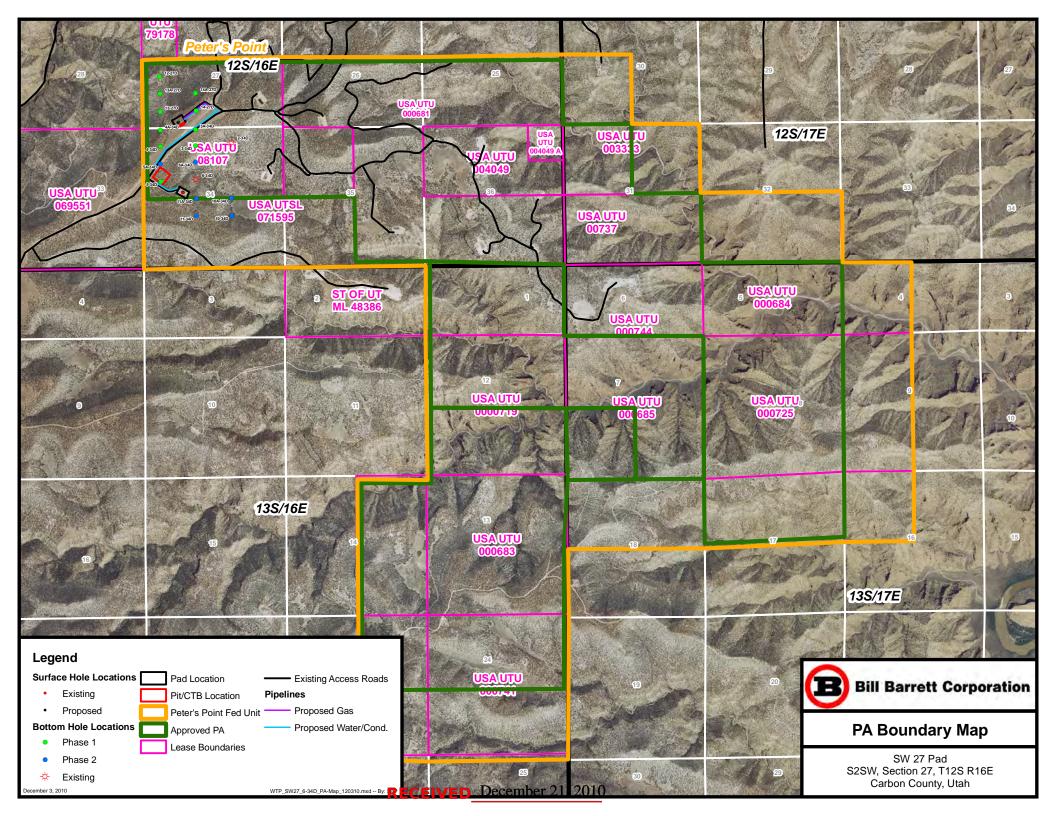
¹Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Details specific to the Peter's Point SW 27 Pad are as follows:

Well Name			Lease		
Peter's Point Unit Fed	API	Drill Phase ¹	UTU-	PA Boundary	Facilities
	4300750063		08107		1) All phase 1 wells proposed are within the
3A-34D-12-16		1		In	PA, no phase 2 wells are proposed.
	4300750064		08107		2) Liquids to be piped to a newly constructed
4A-34D-12-16		1		In	central tank battery (CTB) and future water
	4300750066		08107		management facility located in the SWNW, Sec. 34, T12S-R16E. Two buried liquid lines
13-27D-12-16		1		In	were laid - one 4 inch PA line to main road that
	4300750065		08107		ties into an 8 inch line ran to the CTB and one
12-27D-12-16		1		In	2 inch test line from the pad to the CTB.
	4300750068		08107		3) One 8 inch buried gas line to the main tie-in
14-27D-12-16		1		In	was laid along with a 12 inch buried gas line to
	4300750067		08107		the future Sage Brush Flats Compressor Stn.
13A-27D-12-16		1		In	4) One 300-bbl low profile test tank to be
	4300750069		08107		installed on the SW 27 pad. The SWNW 34 CTB will have up to 6-625 bbl tanks.
					5) Two existing (in PA wells) are located on the
					6-34D pad and production would be combined
					between these and the newly proposed in PA
14A-27D-12-16		1		In	wells.

¹Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Liquids would be combined among PA wells from both pads on the CTB location.



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO zip 80202

Phone Number: (303) 312-8115

Well 1

API Number	Well	Well Name QQ Sec Twp Rng County				County			
4300750064	Peters Point Unit Fed	4A-34D-12-16	SESW	27	128	16E	Carbon		
Action Code	Current Entity Number	New Entity Number	S	Spud Date			ntity Assignment Effective Date		
KB	99999	2470	2	2/14/2011			2/23/11		
Comments: Spude	ding Operation was con	3,1,0		00 am.	14/45	<u> </u>	<u>/33 / // </u>		

DAL SUC 34 NUNW

Well 2

API Number	Well Name			Sec	Twp	Rng	County
4300750066	Peters Point Unit Fed 13-27D-12-16		SESW	27	128	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
NB	99999	3470	2	2/14/2011		2	122 /11
Comments: Spude WSMVD	ding Operation was cor	nducted by Triple A Dr	rilling @ 4:0	00 pm.		-	

Well 3

API Number	Well	QQ	Sec	Twp	Rng	County	
4300750068	Peters Point Unit Fed 14-27D-12-16		SESW	27	128	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
MB	99999	2470	2/15/2011			2	123/11
Comments: Spuc	dding Operation was con	ducted by Triple A Dril	ling @ 3:0 E SW	00 Pm.			

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

Name (Please Print) Brady Riley	
Signature	0/00/00 / /
Permit Analyst	2/22/2011
Title	Date

Brady Riley

FEB 2 2 2011

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: BILL BARRETT CORPORATION	
Well Name: PETERS POINT U FED 14-27D -12-16	
Api No: 43-007-50068 Lease Type FEDERAL	
Section 27 Township 12S Range 16E County CARBON	
Drilling ContractorRIG #RIG #	
SPUDDED:	
Date02/14/2011	
Time	
HowDRY	
Drilling will Commence:	
Reported byBRADY RILEY	
Telephone #(303) 312-8115	
Date 02/14/2011 Signed CHD	

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	mpany:	BILL BARR	ETT COR	PORATION		
Well Name	•	PETERS PO	DINT U FE	D 14-27D-12	2-16	
Api No:	43-007-500	68	Lease T	ype FED	ERAL	
Section 27	Township_	12S Rai	nge <u>16E</u>	County_	UINTAH	
Drilling Cor	ntractor	PRO PETR	kO	R	IG# <u>AIR</u>	
SPUDDE	D:					
	Date	03/07/2011				
	Time					
	How	ROTARY	7			
Drilling wi	ill Commend	ce:				
Reported by	M	JODY S	OUTH			
Telephone#		(208) 69	95-4817			
Date	03/08/2011	Signed	CHD			



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

September 1, 2010 Amended March 10, 2011

Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Subject: Peters Point U Fed 14-27D-12-16 Well, Surface Location 210' FSL, 1385' FWL, SE

SW, Sec. 27, T. 12 South, R. 16 East, Bottom Location 633' FSL, 2036' FWL, SE SW,

Sec. 27, T. 12 South, R. 16 East, Carbon County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 157-03. The expected producing formation or pool is the Mancos Formation, completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-50068.

Sincerely,

John Rogers

Associate Director

JR/js Enclosures

cc: Carbon County Assessor

Bureau of Land Management, Price Office



Operator:	Bill Barrett Corporation					
Well Name & Number	Peters Point U Fed 14-27D-12-16					
API Number:	43-007-50068					
Lease:	UTU081	107				
Surface Location: SE SW Bottom Location: SE SW	Sec. <u>27</u> Sec. <u>27</u>	T. <u>12 South</u> T. <u>12 South</u>	R. <u>16 East</u> R. <u>16 East</u>			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
 OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Notify the Division prior to commencing operations to plug and abandon the well.

 Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 after office hours

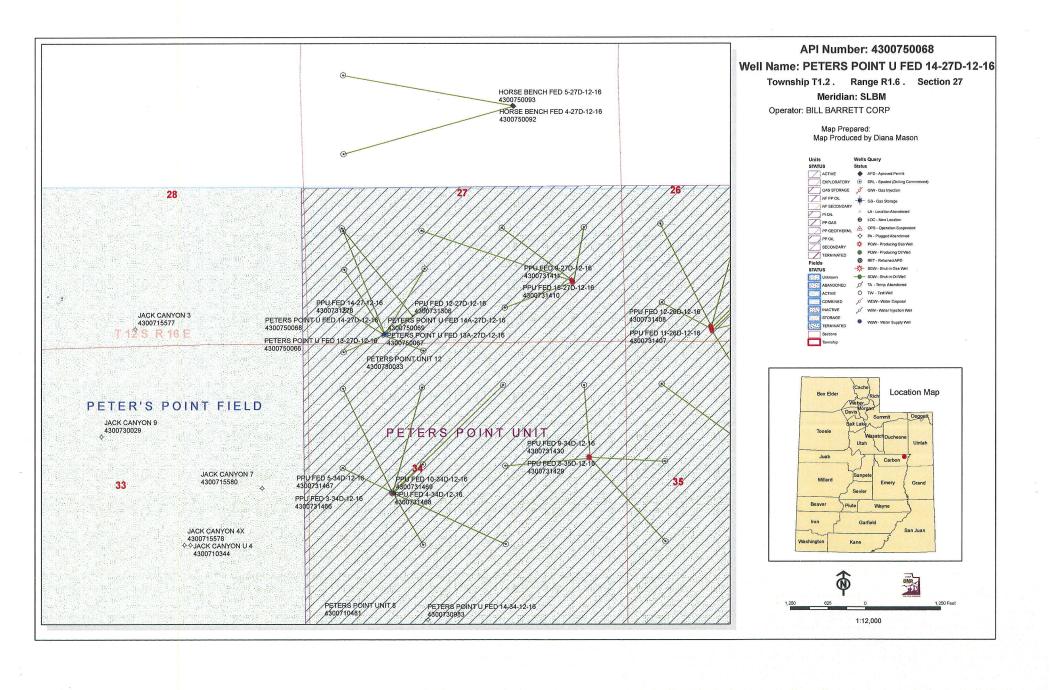
3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging
- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/09/2011	API NO. ASSIG	NED: 43-00	7-50068
WELL NAME: PETERS POINT U FED 14-370-13-16 OPERATOR: BILL BARRETT CORP (N2165) CONTACT: BRADY RILEY	PHONE NUMBER:	303-312-816	64
PROPOSED LOCATION:	INSPECT LOCATN	BY: /	/
SESW 27 120S 160E SURFACE: 0210 FSL 1385 FWL	Tech Review	Initials	Date
BOTTOM: 0633 FSL 2036 FWL	Engineering	DKD	3/10/11
COUNTY: CARBON LATITUDE: 39.73816 LONGITUDE: -110.11416	Geology	''''	
UTM SURF EASTINGS: 575905 NORTHINGS: 4398862	Surface		
FIELD NAME: PETERS POINT (40) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU08107 SURFACE OWNER: 1 - Federal	PROPOSED FORMAT		cs
✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. WYB000040) ✓ Potash (Y/N) N Oil Shale 190-5 (B) or 190-3 or 190-13 ✓ Water Permit (No. NINE MILE) RDCC Review (Y/N) (Date:) N Fee Surf Agreement (Y/N)	R649-2-3. it: PETERS POINT to R649-3-2. Gener Siting: 460 From Qt R649-3-3. Excep / Drilling Unit Board Cause No: Eff Date: Siting: Harris R649-3-11. Dire	al r/Qtr & 920' tion 	undas (
STIPULATIONS:	provi.		



	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	OCES.		FORM 9
	DIVISION OF OIL, GAS, AND M		5.LEAS	E DESIGNATION AND SERIAL NUMBER: 3107
SUND	RY NOTICES AND REPORT	S ON WELLS	6. IF IN	IDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals			or CA AGREEMENT NAME: S POINT
1. TYPE OF WELL Gas Well				L NAME and NUMBER: S POINT U FED 14-27D-12-16
2. NAME OF OPERATOR: BILL BARRETT CORP		en en 1800 en de dependence de commendada a que programa de la tração entre en los distribuições en de contrada		NUMBER: '500680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		HONE NUMBER: 312-8164 Ext		D and POOL or WILDCAT: S POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridia	n: C	COUNT CARBO	ON
11,			UTAH	
	CK APPROPRIATE BOXES TO INDIC		OR OT	HER DATA
TYPE OF SUBMISSION		TYPE OF ACTION		
✓ NOTICE OF INTENT	☐ ACIDIZE ✓ CHANGE TO PREVIOUS PLANS	☐ ALTER CASING ☐ CHANGE TUBING		CASING REPAIR
Approximate date work will start: 4/15/2011	CHANGE WELL STATUS	CHANGE TUBING COMMINGLE PRODUCING FORMATIONS		CHANGE WELL NAME CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON		PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE		WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION		APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	отн	ER:
This sundry is being Mancos formation to will be the Mancos for to commingling the necessary permission Revised drilling pla within the participation location to hold the lifted, BBC will the corridor from the weight in the second of the se	ing submitted as notice that o its ojective formations. The ormation, followed later by the Mancos with the Wasatch/Nision to commingle. The revision to commingle. The revisions are attached. In additioning area, BBC initially will set the Mancos production from the lay another buried line will pad to the tie-in point propile moved from the well pad	BBC would like to add the e initial objective completed the Wasatch/Mesaverde. Prior Mesaverde, BBC will file the ed proposed TD is 14172'. because the Mancos is not 2, low profile, 300 bbl tanknis well. At the time stips at thin the existing approved posed in the APD to pipe to	the CT Riley at	B facility and the 2, low
NAME (PLEASE PRINT)	PHONE NUMBE			and and saming
Brady Riley	303 312-8115	Permit Analyst	ator ?	
SIGNATURE N/A		3/9/2011	ate:	03-10-11
		R	m *	() /all []

Rederal Approval of this Action is Necessary

DRILLING PROGRAM

BILL BARRETT CORPORATION Peter's Point Unit Federal 14-27D-12-16

SESW, 210' FSL & 1385' FWL Sec 27, T12S-R16E (surface) SESW, 633' FSL, 2036' FWL Sec. 27, T12S-R16E (bottom) Carbon County, Utah

1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth – MD	Depth – TVD
Wasatch	3352'	3312'
North Horn	5428'	5352'
Dark Canyon	6988'	6912'
Price River	7228'	7152'
Blackhawk Marine	9193'	9117'
Mancos	9613'*	9537'*
TD	14,173'	14,097'

PROSPECTIVE PAY: *Mancos is the primary objective. All potentially productive hydrocarbon zones will be isolated with cement in the production casing annulus.

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment						
0 – 1000'	No pressure control required						
1000' – TD	11" 5000# Double Ram Type BOP (Blind/Pipe)						
	11" 5000# Annular BOP						
- Drilling spool to	accommodate choke and kill lines;						
- Ancillary equipm	ent and choke manifold rated at 5,000#. All BOP and BOPE tests will be in						
accordance with the requirements of onshore Order No. 2;							
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in							
advance of all BOP pressure tests.							
- BOP hand wheels	may be underneath the sub-structure of the rig if the drilling rig used is set up						
to operate most ef	ficiently in this manner.						

4. <u>Casing Program</u>

Hole Size	Setting Depth		Casing	Casing	Casing	Thread	Condition
	<u>From</u>	<u>To</u>	<u>Size</u>	Weight	<u>Grade</u>		
24"	Surface	40'	14"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	J-55	ST&C	New
8 ³ / ₄ " and 7 7/8"	Surface	14172'	5 ½"	20.0#	P-110	LT&C	New

Note: The 7 7/8" hole size will begin at the point the bit is changed.

5. Cementing Program

14" Conductor Casing	Grout cement
9 5/8" Surface Casing	Lead with approximately 170 sx 35/65 Poz cement + additives mixed at 13.1 ppg (yield = 1.7 ft ³ /sx).
	Tail with approximately and 250 sx premium cement with additives mixed at 15.8 ppg (yield = $1.15 \text{ ft}^3/\text{sx}$) circulated to surface.
5 ½" Production Casing	Lead with approximately 100 Halliburton Premium cement with additives mixed at 15.8 ppg (yield = $1.15 \text{ ft}^3/\text{sx}$). Fill with approximately 700 sx Halliburton Hi-Fill cement with additives at 11.0 ppg (3.84 yield). Tail with approximately 550 sx of Halliburton 50/50 Poz premium cement + additives mixed at 14.3 ppg (yield = $1.47 \text{ ft}^3/\text{sk}$), circulated to ~800°.
Note: Actual volumes to be calcula	ted from caliper log.

6. Mud Program

<u>Interval</u>	<u>Weight</u>	Viscosity	Fluid Loss (API filtrate)	<u>Remarks</u>
0-40'	8.3 – 8.6	27 – 40		Native Spud Mud
40'-1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 10	34 – 48	15-25 cc	Fresh Water

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD every 100ft
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, Image all TD to surface.

Bill Barrett Corporation
Drilling Program
Peter's Point Unit Federal #14-27D-12-16
Carbon County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 7122 psi* and maximum anticipated surface pressure equals approximately 4109 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = $A - (0.22 \times TD)$

9. Auxiliary Equipment

a) Upper kelly cock; lower Kelly cock will be installed while drilling

b) Inside BOP or stab-in valve (available on rig floor)

c) Safety valve(s) and subs to fit all string connections in use

d) Mud monitoring will be by pit volume totalizer

10. **Drilling Schedule**

Location Construction: Completed

Rig Spud: Feb. 15th, 2011 Resume Drilling: Apr 20th, 2011

Duration: 45 days drilling time

60 days completion time

Other -Onshore Variances Requested

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.

Well name:

PtPt 14-27D-12-16

Operator:

Bill Barrett

String type:

Production: Frac

Location;

West Tavaputs

Design parameters:

Minimum design factors:

Environment:

Collapse

Burst

Mud weight:

Collapse: Design factor

1.125

H2S considered?

No

10.000 ppg Design is based on evacuated pipe.

Surface temperature: Bottom hole temperature:

75 °F 273 °F

Temperature gradient: Minimum section length: 1,500 ft

1,40 °F/100ft

Burst:

Design factor

1.00

Cement top:

1,550 ft

Mudline depth:

22 ft

Max anticipated surface

pressure: Internal gradient: 10,768 psi 0.220 psi/ft

Tension: 8 Round STC:

1.80 (J)

Non-directional string.

Calculated BHP Annular backup: 13,886 psi 9.00 ppg

8 Round LTC: **Buttress:** Premium:

1.80 (J) 1.60 (J) 1.50 (J)

Body yield:

1.50 (B)

Tension is based on buoyed weight.

Neutral point:

12,027 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	14172	5.5	20.00	HCP-110	LT&C	14172	14172	4.653	139759
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Buret Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	7362	11100	1.508	10916	12630	1.16	241	548	2.28 J

Prepared

by:

Doug Sproul

Bill Barrett

Date: March 9.2011 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 14172 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Phone: 303.312.8174

Burst strength is not adjusted for tension.

Well name:

PtPt 14-27D-12-16

Operator:

Bill Barrett

String type:

Surface

Location:

West Tavaputs

Run Sea	Segment Length	Size	Nominal Weight	Grade	End Finish	True Vert Depth	Measured Depth	Drift Diameter	Est. Cost
				Neutral po		859 ft	Next set Fracture Fracture	ting BHP: mud wt:	7,076 psi 12.080 ppg 1,000 ft 628 psi
				Tension is	hased on h	uoved weight.		t ing depth: I d weight:	13,622 ft 10.000 ppg
				Body yield	•	1.50 (B)	Re subsequ	uent strings:	
	, ,			Premium:		1.50 (J)			
No b	ackup mud sp	ecified.		Buttress:		1.60 (J)			
0410	Oldida Billi		OE7 poi	8 Round L		1.80 (J)			
	ulated BHP		627 psi	8 Round S	TC·	1.80 (J)	Non-direction	mai string.	
	mal gradient:		0.220 psi/ft	Tension:			Non directio	nal atrina	
	: anticipated su ressure:	пасе	408 psi						
<u>Burst</u>							Mudline dep	oth:	22 ft
				Design fac	tor	1.00	Cement top	-	urface
•				Burst:	_		Minimum Da		8.900 in
							Minimum se	ction length:	1,000 ft
	- g		, , , , , , , , , , , , , , , , , , ,				Temperatur		1.40 °F/10
	ign is based or	n evacua		Doolgiriud		1.120		temperature	
	weight:		9.500 ppg	Design fac		1.125	Surface ten		75 °F
Collaps	n parameters	J.		Collapse:	i design fa	ctors.	H2S consid	~	No
,,,,,				NATION INSTITUTE	i daeian ta	MARCHET .	Environm	ant.	

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (In)	Est. Cost (\$)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.765	11722
Run Seq 1	Collapse Load (psi) 493	Collapse Strength (psl) 2020	Collapse Design Factor 4.095	Burst Load (psi) 627	Burst Strength (psl) 3520	Burst Design Factor 5.61	Tension Load (Kips) 31	Tension Strength (Kips) 423	Tension Design Factor 13.68 J

Prepared Doug Sproul by: Bill Barrett

Phone: 303.312.8174

Date: March 9,2011 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Duniop & Kemier method of biaxial correction for tension.

Burst strength is not adjusted for tension.



Bill Barrett Corp.

Carbon County, UT [NAD27]
Peter's Point SW 27 Pad
Peter's Point UF 14-27D-12-16

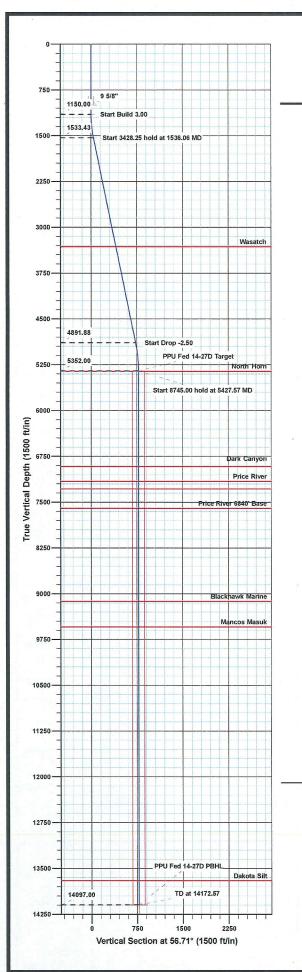
Wellbore #1

Plan: plan1 04mar11 smw

Standard Planning Report

04 March, 2011





WELL DETAILS: Peter's Point UF 14-27D-12-16

US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

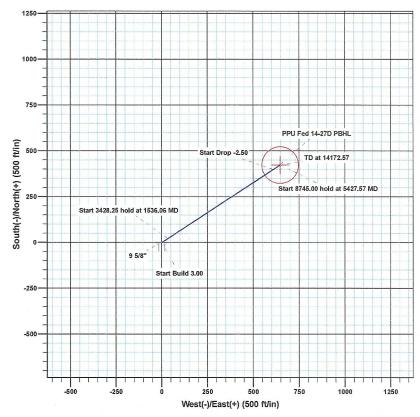
Ground Level: 7227.00

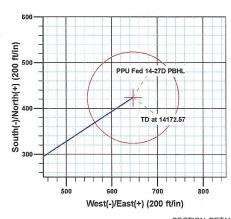
Northing Latittude +N/-S +E/-W Easting 514727.79 0.00 0.00 2389682.24

39° 44' 17.72 N

Longitude

110° 6' 51.14 W







Azimuths to True North Magnetic North: 11.30°

Magnetic Field Strength: 52146.6snT Dip Angle: 65.55° Date: 03/04/2011 Model: IGRF200510

SECTION	DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1150.00	0.000	0.00	1150.00	0.00	0.00	0.00	0.00	0.00	
1536.06	11.582	56.71	1533.43	21.34	32.50	3.00	56.71	38.89	
4964.30	11.582	56.71	4891.88	399.13	607.83	0.00	0.00	727.16	
5427.57	0.000	0.00	5352.00	424.74	646.84	2.50	180.00	773.82	PPU Fed 14-27D Target
14172.57	0.000	0.00	14097.00	424.74	646.84	0.00	0.00	773.82	PPU Fed 14-27D PBHL







Sharewell

Planning Report



Database: Company: Compass VM

Project:

Bill Barrett Corp.

Site:

Carbon County, UT [NAD27] Peter's Point SW 27 Pad

Well:

Peter's Point UF 14-27D-12-16

Wellbore: Design:

Wellbore #1

plan1 04mar11 smw

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft

GL @ 7227.00ft

True

Minimum Curvature

Project

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

Geo Datum: Map Zone:

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

Peter's Point SW 27 Pad

Site Position:

From:

Lat/Long

Northing:

514,727.80 usft Easting:

2,389,682.25 usft

Latitude: Longitude:

39° 44' 17.72 N

Position Uncertainty:

0.00 ft Slot Radius:

1.10 ft **Grid Convergence:** 110° 6' 51.14 W

0.89°

Peter's Point UF 14-27D-12-16

Well Position

+N/-S

0.00 ft

Northing:

514,727.79 usft

11.30

Latitude:

39° 44′ 17.72 N

+E/-W

0.00 ft

Easting:

2,389,682.25 usft

Longitude:

Position Uncertainty

0.00 ft

Wellhead Elevation:

03/04/11

Ground Level:

110° 6' 51.14 W

52,147

7,227.00 ft

Wellbore #1

Magnetics

Wellbore

Model Name

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF200510

plan1 04mar11 smw

Audit Notes:

Version:

Design

Phase:

PROTOTYPE

Tie On Depth:

Depth From (TVD)

+N/-S

0.00

65.55

Vertical Section:

(ft) 0.00

(ft) 0.00 +E/-W (ft) 0.00

Direction (°)

56.71

Plan Sections

Measured			Vertical			Dogleg	Build	Turn		
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Rate	Rate	Rate	TFO	
(ft)	. (°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	Target
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,150.00	0.000	0.00	1,150.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,536.06	11.582	56.71	1,533.43	21.34	32.50	3.00	3.00	0.00	56.71	
4,964.30	11.582	56.71	4,891.88	399.13	607.83	0.00	0.00	0.00	0.00	
5,427.57	0.000	0.00	5,352.00	424.74	646.84	2.50	~2.50	0.00	180.00	PPU Fed 14-27D Tarç
14,172.57	0.000	0.00	14,097.00	424.74	646.84	0.00	0.00	0.00	0.00	PPU Fed 14-27D PBI



Sharewell

Planning Report



Database: Company: Compass VM Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site: Well: Peter's Point SW 27 Pad Peter's Point UF 14-27D-12-16

Wellbore:

Wellbore #1

Design:

plan1 04mar11 smw

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft

GL @ 7227.00ft True

Minimum Curvature

Planned Survey

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
1,150.00	0.000	0.00	1,150.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 3	3.00								
1,200.00	1.500	56.71	1,199.99	0.36	0.55	0.65	3.00	3.00	0.00
1,300.00	4.500	56.71	1,299.85	3.23	4.92	5.89	3.00	3.00	0.00
1 400 00	7.500	FC 74	4 000 00	0:07	40.00	40.04	0.00		
1,400.00	7.500	56.71	1,399.29	8.97	13.66	16.34	3.00	3.00	0.00
1,500.00	10.500	56.71	1,498.04	17.55	26.73	31.98	3.00	3.00	0.00
1,536.06	11.582	56.71	1,533.43	21.34	32.50	38.89	3.00	3.00	0.00
Start 3428.2	5 hold at 1536.06	S MD							
1,600.00	11.582	56.71	1,596.07	28.39	43.24	51.72	0.00	0.00	0.00
1,700.00	11.582	56.71	1,694.04	39.41	60.02	71.80	0.00	0.00	0.00
1,800.00	11.582	56.71	1,792.00	50.43	76.80	91.88	0.00	0.00	0.00
1,900.00	11.582	56.71	1,889.97	61.45	93.58	111.95	0.00	0.00	
2,000.00	11.582	56.71	1,987.93	72.47	110.36				0.00
						132.03	0.00	0.00	0.00
2,100.00	11.582	56.71	2,085.89	83.49	127.14	152.11	0.00	0.00	0.00
2,200.00	11.582	56.71	2,183.86	94.51	143.93	172.18	0.00	0.00	0.00
2,300.00	11.582	56.71	2,281.82	105.53	160.71	192.26	0.00	0.00	0.00
2,400.00	11.582	56.71	2,379.79	116.55	177.49	212.34	0.00	0.00	0.00
2,500.00	11.582	56.71	2,477.75	127.57	194.27	232.41	0.00	0.00	0.00
2,600.00	11.582	56.71	2,575.71	138.59	211.05	252.49	0.00	0.00	0.00
2,700.00	11.582	56.71	2,673.68	149.61	227.84	272.57	0.00	0.00	0.00
2,800.00	11.582	56.71	2,771.64	160.63	244.62	292.64	0.00	0.00	0.00
2,900.00	11.582	56.71	2,869.61	171.65	261.40	312.72	0.00	0.00	0.00
3,000.00	11.582	56.71	2,967.57	182.67	278.18	332.80	0.00	0.00	0.00
3,100.00	11.582	56.71	3,065.53	193.69	294.96	352.87	0.00	0.00	0.00
3,200.00	11.582	56.71	3,163.50	204.71	311.75	372.95	0.00	0.00	0.00
3,300.00	11.582	56.71	3,261.46	215.73	328.53	393.03	0.00	0.00	0.00
3,351.59	11.582	56.71	3,312.00	221.41	337.19	403.38	0.00	0.00	0.00
Wasatch			-,	- 			0.00	0.00	0.00
3,400.00	11.582	EG 71	2 250 42	226.75	245 24	440.40	0.00	0.00	0.00
3,500.00	11.582	56.71 56.71	3,359.43	226.75	345.31	413.10	0.00	0.00	0.00
			3,457.39	237.77	362.09	433.18	0.00	0.00	0.00
3,600.00	11.582	56.71	3,555.35	248.79	378.87	453.26	0.00	0.00	0.00
3,700.00	11.582	56.71	3,653.32	259.81	395.66	473.33	0.00	0.00	0.00
3,800.00	11.582	56.71	3,751.28	270.83	412.44	493.41	0,00	0.00	0.00
3,900.00	11.582	56.71	3,849.24	281.85	429.22	513.49	0.00	0.00	0.00
4,000.00	11.582	56.71	3,947.21	292.87	446.00	533.56	0.00	0.00	0.00
4,100.00	11.582	56.71	4,045.17	303.89	462.78	553.64	0.00	0.00	0.00
4,200.00	11.582	56.71	4,143.14	314.91	479.57	573.71	0.00	0.00	0.00
4,300.00	11.582	56.71	4,241.10	325.93	496.35	593.79	0.00	0.00	0.00
4,400.00	11.582	56.71	4,339.06	336.95	513.13	613.87	0.00	0.00	0.00
4,500.00	11.582	56.71	4,437.03	347.97	529.91	633.94	0.00	0.00	0.00
4,600.00	11.582	56.71	4,534.99	358.99	546.69	654.02	0.00	0.00	0.00
4,700.00	11.582	56.71	4,632.96	370.01	563.47	674.10	0.00	0.00	0.00
4,800.00	11.582	56.71	4,730.92	381.03	580.26	694.17	0.00	0.00	0.00
4,900.00	11.582	56.71	4,828.88	392.05	597.04	714.25	0.00	0.00	0.00
4,964.30	11.582	56.71	4,891.88	399.13	607.83	727.16	0.00	0.00	0.00
		30.71	-1,001.00	555.15	507.03	121.10	0,00	0.00	0.00
5,000.00	2 .50 10.689	56.71	4,926.90	402.92	613.59	734,05	2.50	-2.50	0.00
·							2.00	-2.50	0.00
5,100.00	8.189	56.71	5,025.54	411.92	627.30	750.45	2.50	-2.50	0.00
5,200.00	5.689	56.71	5,124.80	418.55	637.40	762.53	2.50	-2.50	0.00
5,300.00	3.189	56.71	5,224.49	422.80	643.87	770.27	2.50	-2.50	0.00
5,400.00	0.689	56.71	5,324.43	424.65	646.70	773.66	2.50	-2.50	0.00
5,427.57	0.000	0.00	5,352.00	424.74	646.84	773.82	2.50	-2.50	0.00

Billi Barrett Corporation

Sharewell

Planning Report



Database: Company: Compass VM Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Peter's Point SW 27 Pad

Well:

Peter's Point UF 14-27D-12-16 Wellbore #1

Wellbore: Design:

plan1 04mar11 smw

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

Minimum Curvature

nned Survey				$A_{ij} = \{j \in I\}$					
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	A _1	Depth	N/ C	.5.14	Section	Rate		
(ft)	Inclination	Azimuth		+N/-S	+E/-W			Rate	Rate
(10)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
5,500.00	0.000	0.00	5,424.43	424.74	646.84	773.82	0.00	0.00	0.00
5,600.00	0.000	0.00	5,524.43	424.74	646.84	773.82	0.00	0.00	0.00
5,700.00	0.000	0.00	5,624.43	424.74	646.84	773.82	0.00	0.00	0.00
5,800.00	0.000	0.00	5,724.43	424.74	646.84	773.82	0.00	0.00	0.00
5,900.00	0.000	0.00	5,824.43	424.74	646.84	773.82	0.00	0.00	0.00
,									
6,000.00	0.000	0.00	5,924.43	424.74	646.84	773,82	0.00	0.00	.0.00
6,100.00	0.000	0.00	6,024.43	424.74	646.84	773,82	0.00	0.00	0.00
6,200.00	0.000	0.00	6,124.43	424.74	646.84	773.82	0.00	0.00	0.00
6,300.00	0.000	0.00	6,224.43	424.74	646.84	773.82	0.00	0.00	0.00
6,400.00	0.000	0.00	6,324.43	424.74	646.84	773.82	0.00	0.00	0.00
6 500 00	0.000	0.00	6 404 40	404.74	646.84	770.00	0.00	0.00	0.00
6,500.00			6,424.43	424.74	646.84	773.82	0.00	0.00	0.00
6,600.00	0.000	0.00	6,524.43	424.74	646.84	773.82	0.00	0.00	0.00
6,700.00	0.000	0.00	6,624.43	424.74	646.84	773.82	0.00	0.00	0.00
6,800.00	0.000	0.00	6,724.43	424.74	646.84	773.82	0.00	0.00	0.00
6,900.00	0.000	0.00	6,824.43	424.74	646.84	773.82	0.00	0.00	0.00
6,987.57	0.000	0.00	6,912.00	424.74	646.84	773.82	0.00	0.00	0.00
		0.00	0,312.00	727.17	040.04	113.02	0.00	0.00	0.00
Dark Canyo				12.12					
7,000.00	0.000	0.00	6,924.43	424.74	646.84	773.82	0.00	0.00	0.00
7,100.00	0.000	0.00	7,024.43	424.74	646.84	773.82	0.00	0.00	0.00
7,200.00	0.000	0.00	7,124.43	424.74	646.84	773.82	0.00	0.00	0.00
7,227.57	0.000	0.00	7,152.00	424.74	646.84	773.82	0.00	0.00	0.00
Price River									
7 000 00	0.000	0.00	7.004.40	10171	0.40.04				
7,300.00	0.000	0.00	7,224.43	424.74	646.84	773.82	0.00	0.00	0.00
7,352.57	0.000	0.00	7,277.00	424.74	646.84	773.82	0.00	0.00	0.00
Price River	6840' Sand								
7,400.00	0.000	0.00	7,324.43	424.74	646.84	773.82	0.00	0.00	0.00
7,500.00	0.000	0.00	7,424.43	424.74	646.84	773.82	0.00	0.00	0.00
7,600.00	0.000	0.00	7,524.43	424.74	646.84	773.82	0.00	0.00	0.00
			•						
7,672.57	0.000	0.00	7,597.00	424.74	646.84	773.82	0.00	0.00	0.00
Price River									
7,700.00	0.000	0.00	7,624.43	424.74	646.84	773.82	0.00	0.00	0.00
7,800.00	0.000	0.00	7,724.43	424.74	646.84	773.82	0.00	0.00	0.00
7,900.00	0.000	0.00	7,824.43	424.74	646.84	773.82	0.00	0.00	0.00
8,000.00	0.000	0.00	7,924.43	424.74	646.84	773.82	0.00	0.00	0.00
8,100.00	0.000	0.00	8,024.43	424.74	646.84	773.82	0.00	0.00	0.00
8,200.00	0.000	0.00	8,124.43	424.74	646.84	773.82	0.00	0.00	0.00
8,300.00	0.000	0.00	8,224.43	424.74	646.84	773.82	0.00	0.00	0.00
8,400.00	0.000	0.00	8,324.43	424.74	646.84	773.82	0.00	0.00	0.00
8,500.00	0.000	0.00	8,424.43	424.74	646.84	773.82	0.00	0.00	0.00
9 600 00	0.000	0.00	0 504 40	404.74	646.04				
8,600.00	0.000	0.00	8,524.43	424.74	646.84	773.82	0.00	0.00	0.00
8,700.00	0.000	0.00	8,624.43	424.74	646.84	773.82	0.00	0.00	0.00
8,800.00	0.000	0.00	8,724.43	424.74	646.84	773.82	0.00	0.00	0.00
8,900.00	0.000	0.00	8,824.43	424.74	646.84	773.82	0.00	0.00	0.00
9,000.00	0.000	0.00	8,924.43	424.74	646.84	773.82	0.00	0.00	0.00
9,100.00	0.000	0.00	9,024.43	424.74	646.84	773.82	0.00	0.00	0.00
9,100.00	0.000								0.00
		0.00	9,117.00	424.74	646.84	773.82	0.00	0.00	0.00
Blackhawk									
9,200.00	0.000	0.00	9,124.43	424.74	646.84	773,82	0.00	0.00	0.00
9,300.00	0.000	0.00	9,224.43	424.74	646.84	773.82	0.00	0.00	0.00
9,400.00	0.000	0.00	9,324.43	424.74	646.84	773.82	0.00	0.00	0.00

9,500.00

9,600.00

9,612.57

0.000

0.000

0.000

0.00

0.00

0.00

9,424.43

9,524.43

9,537.00

424.74

424.74

424.74

646.84

646.84

646.84

773.82

773.82

773.82

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00



Sharewell

Planning Report



Database: Company: Compass VM Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Peter's Point SW 27 Pad

Well:

Peter's Point UF 14-27D-12-16 Wellbore #1

Wellbore: Design:

plan1 04mar11 smw

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

Minimum Curvature

Measured			Vertical	and a significant		Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	Inclination		(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)
(it)	(°)	(°)	(11)	(ft)	(ft)	(ii)	(/ louit)	(/ looit)	(710016)
Mancos Mas	suk								
9,700.00	0.000	0.00	9,624.43	424.74	646.84	773.82	0.00	0.00	0.00
9,800.00	0.000	0.00	9,724.43	424.74	646.84	773.82	0.00	0.00	0.00
			0.004.40	40474	0.40.04	770.00			
9,900.00	0.000	0.00	9,824.43	424.74	646.84	773.82	0.00	0.00	0.00
10,000.00	0.000	0.00	9,924.43	424.74	646.84	773.82	0.00	0.00	0.00
10,100.00	0.000	0.00	10,024.43	424.74	646.84	773.82	0.00	0.00	0.00
10,200.00	0.000	. 0.00	10,124.43	424.74	646.84	773.82	0.00	0.00	0.00
10,300.00	0.000	0.00	10,224.43	424.74	646.84	773.82	0.00	0.00	0.00
10,400.00	0.000	0.00	10,324.43	424.74	646.84	773.82	0.00	0.00	0.00
10,500.00	0.000	0.00	10,424.43	424.74	646.84	773.82	0.00	0.00	0.00
10,600.00	0.000	0.00	10,524.43	424.74	646.84	773.82	0.00	0.00	0.00
10,700.00	0.000	0.00	10,624.43	424.74	646.84	773.82	0.00	0.00	0.00
10,800.00	0.000	0.00	10,724.43	424.74	646.84	773.82	0.00	0.00	0.00
•									
10,900.00	0.000	0.00	10,824.43	424.74	646.84	773.82	0.00	0.00	0.00
11,000.00	0.000	0.00	10,924.43	424.74	646.84	773.82	0.00	0.00	0.00
11,100.00	0.000	0.00	11,024.43	424.74	646.84	773.82	0.00	0.00	0.00
11,200.00	0.000	0.00	11,124.43	424.74	646.84	773.82	0.00	0.00	0.00
11,300.00	0.000	0.00	11,224.43	424.74	646.84	773.82	0.00	0.00	0.00
11,400.00	0.000	0.00	11,324.43	424.74	646.84	773.82	0.00	0.00	0.00
11,500.00	0.000	0.00	11,424.43	424.74	646.84	773.82	0.00	0.00	0.00
11,600.00	0.000	0.00	11,524.43	424.74	646.84	773.82	0.00	0.00	0.00
11,700.00	0.000	0.00	11,624.43	424.74	646.84	773.82	0.00	0.00	0.00
11,800.00	0.000	0.00	11,724.43	424.74	646.84	773,82	0.00	0.00	0.00
11,900.00	0.000	0.00	11,824.43	424.74	646.84	773.82	0.00	0.00	0.00
12,000.00	0.000	0.00	11,924.43	424.74	646.84	773.82	0.00	0.00	0.00
12,100.00	0.000	0.00	12,024.43	424.74	646.84	773.82	0.00	0.00	0.00
12,200.00	0.000	0.00	12,124.43	424.74	646.84	773.82	0.00	0.00	0.00
12,300.00	0.000	0.00	12,224.43	424.74	646.84	773.82	0.00	0.00	0.00
12,400.00	0.000	0.00	12,324.43	424.74	646.84	773.82	0.00	0.00	0.00
12,500.00	0.000	0.00	12,424.43	424.74	646.84	773.82	0.00	0.00	0.00
12,600.00	0.000	0.00	12,524.43	424.74	646.84	773.82	0.00	0.00	0.00
12,700.00	0.000	0.00	12,624.43	424.74	646.84	773.82	0.00	0.00	0.00
12,800.00	0.000	0.00	12,724.43	424.74	646.84	773.82	0.00	0.00	0.00
12,900.00	0.000	0.00	12,824.43	424.74	646.84	773.82	0.00	0.00	0.00
13,000.00	0.000	0.00	12,924.43	424.74	646.84	773.82	0.00	0.00	0.00
13,100.00	0.000	0.00	13,024.43	424.74	646.84	773.82	0.00	0.00	0.00
13,200.00	0.000	0.00	13,124.43	424.74	646.84	773.82	0.00	0.00	0.00
13,300.00	0.000	0.00	13,224.43	424.74	646.84	773.82	0.00	0.00	0.00
			•						
13,400.00	0.000	0.00	13,324.43	424.74	646.84	773.82	0.00	0.00	0.00
13,500.00	0.000	0.00	13,424.43	424.74	646.84	773.82	0.00	0.00	0.00
13,600.00	0.000	0.00	13,524.43	424.74	646.84	773.82	0.00	0.00	0.00
13,700.00	0.000	0.00	13,624.43	424.74	646.84	773.82	0.00	0.00	0.00
13,772.57	0.000	0.00	13,697.00	424.74	646.84	773.82	0.00	0.00	0.00
Dakota Silt									
13,800.00	0.000	0.00	13,724.43	424.74	646.84	773.82	0.00	0.00	0.00
13,900.00	0.000	0.00	13,824.43	424.74	646.84	773.82	0.00	0.00	0.00
14,000.00	0.000	0.00	13,924.43	424.74	646.84	773.82	0.00	-0.00	0.00
14,100.00	0.000	0.00	14,024.43	424.74	646.84	773.82	0.00	0.00	0.00
14,172.57	0.000	0.00	14,097.00	424.74	646.84	773.82	0.00	0.00	0.00
TD at 14172			,						



Sharewell

Planning Report



Database:

Compass VM

Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Peter's Point SW 27 Pad

Well:

Peter's Point UF 14-27D-12-16

Wellbore:

Wellbore #1

Design:

plan1 04mar11 smw

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft

GL @ 7227.00ft

True.

Minimum Curvature

Design Targets									
Target Name - hit/miss target Di - Shape	p Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PPU Fed 14-27D Target - plan hits target center - Circle (radius 100.00)	0.000	0.00	5,352.00	424.74	646.84	515,162.46	2,390,322.36	39° 44' 21.92 N	110° 6' 42.86 W
PPU Fed 14-27D PBHL - plan hits target center - Point	0.000	0.00	14,097.00	424.74	646.84	515,162.46	2,390,322.36	39° 44' 21.92 N	110° 6′ 42.86 W

Casing Points						
Mea	sured Vertical			Casing	Hole	
D	epth Depth			Diameter	Diameter	
	(ft) (ft)		Name	(ft)	(ft)	
	1,000.00 1,000.00	9 5/8"		0.80	1.02	

Measured Depth (ft)	Vertical Depth (ft)	Name	Dip Direction Lithology (°) (°)
3,351.59	3,312.00	Wasatch	0.00
5,427.57	5,352.00	North Horn	0.00
6,987.57	6,912.00	Dark Canyon	0.00
7,227.57	7,152.00	Price River	0.00
7,352.57	7,277.00	Price River 6840' Sand	0.00
7,672.57	7,597.00	Price River 6840' Base	0.00
9,192.57	9,117.00	Blackhawk Marine	0.00
9,612.57	9,537.00	Mancos Masuk	0.00
13,772.57	13,697.00	Dakota Silt	0.00

Plan Annotatio	ns	4.			
	Measured	Vertical	Local Coo	rdinates	
	Depth	Depth	+N/-S	+E/-W	
	(ft)	(ft)	(ft)	(ft)	Comment
	1,150.00	1,150.00	0.00	0.00	Start Build 3.00
	1,536.06	1,533.43	21.34	32.50	Start 3428.25 hold at 1536.06 MD
	4,964.30	4,891.88	399.13	607.83	Start Drop -2.50
	5,427.57	5,352.00	424.74	646.84	Start 8745.00 hold at 5427.57 MD
	14,172.57	14,097.00	424.74	646.84	TD at 14172.57

Well name:

PtPt 14-27D-12-16

Operator:

Bill Barrett

String type:

Production: Frac

Location:

West Tavaputs

Design parameters:

Collapse

Mud weight:

10.000 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor 1.125 **Environment:**

H2S considered?

No 75 °F

Surface temperature: Bottom hole temperature: 273 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

1,550 ft

Mudline depth:

Non-directional string.

22 R

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

10,768 psi 0.220 psi/ft 13,886 psi

Annular backup:

9.00 ppg

Buttress:

Premium: Body yield: 1.60 (J) 1.50 (J) 1.50 (B)

1.80 (J)

1.80 (J)

Tension is based on buoyed weight.

Tension:

8 Round STC: 8 Round LTC:

Neutral point: 12,027 ft

Run Seq	Segment Length (ft)	Size (In)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Dlameter (in)	Est. Cost (\$)
1	14172	5.5	20.00	HCP-110	LT&C	14172	14172	4.653	139759
Run Seq	Collapse Load (psl)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psl)	Burst Strength (psi)	Buret Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	7362	11100	1.508	10916	12630	1.16	241	548	2.28 J

Prepared

by:

Doug Sproul

Bill Barrett

Phone: 303,312,8174

Date: March 9.2011 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 14172 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name: PtPt 14-27D-12-16

Operator: **Bili Barrett** String type: Surface

West Tavaputs Location:

Design parameters: Minimum design factors: **Environment:** Collapse Collapse: H2S considered? No Mud weight: 9.500 ppg Design factor Surface temperature: 1.125 75 °F 89 °F Design is based on evacuated pipe. Bottom hole temperature: Temperature gradient: 1.40 °F/100ft Minimum section length: 1,000 ft Minimum Drift:

Burst: 8.900 in Design factor 1.00 Cement top: Surface **Burst** Mudline depth: 22 ft

Max anticipated surface 408 psi pressure:

Internal gradient: 0.220 psi/ft Tension: Calculated BHP 627 psi 8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J) 1.60 (J) No backup mud specified. **Buttress:** Premium: 1.50 (J)

Body yield: 1.50 (B)

Grade

Nominal

Weight

(lbs/ft)

Tension is based on buoyed weight. Neutral point:

End

Finish

Next setting depth: 13,622 ft Next mud weight: 10.000 ppg Next setting BHP: 859 ft 7,076 psi 12.080 ppg Fracture mud wt: 1,000 R

Non-directional string.

Re subsequent strings:

Fracture depth: Injection pressure

True Vert

Depth

(ft)

628 psi Measured Drift Est. Depth Diameter Cost (ft) (In) (\$)

1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.765	11722
Run Seq	Collapse Load (psi)	Collapse Strength (psl)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psl)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	493	2020	4.095	627	3520	5.61	31	` 423	13.68 J

Doug Sproul Prepared by: Bill Barrett

Segment

Length

(ft)

Size

(in)

Run

Seq

Phone: 303.312.8174

Date: March 9,2011 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

. Lease Serial No. UTU08107

6 If Indian Allottee or Tribe N

APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Trib	e Name
1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, UTU63014D	
1b. Type of Well: ☐ Oil Well Gas Well ☐ Oth	ner Single Zone Multiple Zone	8. Lease Name and Well No PETERS POINT UNIT	FEDERAL 14-27D- 12-16
2. Name of Operator Contact: BILL BARRETT CORPORATION E-Mail: ewinick@	ELAINE WINICK Dillbarrettcorp.com	9. API Well No. 43-007- 5 004	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303.312.8168	10. Field and Pool, or Explo PETERS POINT	
4. Location of Well (Report location clearly and in accorded	ince with any State requirements.*)	11. Sec., T., R., M., or Blk.	and Survey or Area
At surface SESW 210FSL 1385FWL At proposed prod. zone SESW 633FSL 2036FWL		Sec 27 T12S R16E N SME: BLM	Mer SLB
14. Distance in miles and direction from nearest town or post 50.1 MILES SW OF MYTON, UT	office*	12. County or Parish CARBON	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 2036' LEASE, 2036' UNIT	16. No. of Acres in Lease	17. Spacing Unit dedicated	to this well
	640.00	40.00	
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1346' 	19. Proposed Depth 8000 MD 7900 TVD	20. BLM/BIA Bond No. on file WYB000040	
21. Elevations (Show whether DF, KB, RT, GL, etc. 7229 GL	22. Approximate date work will start 09/01/2010	23. Estimated duration 40	•
	24. Attachments	<u> </u>	
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to	this form:	
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Office.) 	Item 20 above). 5. Operator certification	ons unless covered by an existin	`
25. Signature (Electronic Submission)	Name (Printed/Typed) ELAINE WINICK Ph: 303.312.8168		Date 08/19/2010
Title SR PERMIT ANALYST			
Approved by (Signature)	Name (Printed/Typed)		Date CCD 0 4 000
Title for fleregh	TELLY KENCEKA		SEP 2 1 201
ACTING FIELD MANAGER	PRICE FIELD O	FFICE	
Application approval does not warrant or certify the applicant ho operations thereon. Conditions of approval, if any, are attached.	lds legal or equitable title to those rights in the subject le	ease which would entitle the ap	olicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or representat	make it a crime for any person knowingly and willfully toons as to any matter within its jurisdiction.	o make to any department or ag	ency of the United

Additional Operator Remarks (see next page)

Electronic Submission #91505 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Moab
Committed to AFMSS for processing by ANITA JONES on 08/23/2010 (10AIJ0297AE)
NOS 8(5)

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

APR 04 2011



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT PRICE FIELD OFFICE



125 SOUTH 600 WEST

PRICE, UT 84501

(435) 636-3600

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Bill Barrett Corporation

Suria

Surface Location: SESW-Sec 27-T12S-R16E

Well No: API No: Peters Point Unit Federal 14-27D-12-16 43-007-50068

Lease No: Agreement:

UTU-08107 UTU-63014D

OFFICE NUMBER:

(435) 636-3600

OFFICE FAX NUMBER:

(435) 636-3657

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	_	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8 Date: 9/20/2010

Well: Peters Point Unit Federal 14-27D-12-16

DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

VARIANCES GRANTED

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
 - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
 - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
 - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

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Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

STANDARD OPERATING REQUIREMENTS

• The requirements included in Onshore Order #2 Drilling Operations shall be followed.

- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H₂S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
 closing unit controls shall remain unobstructed and readily accessible at all times, and choke
 manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
 requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
 the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
 flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

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Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

STANDARD OPERATING REQUIREMENTS (cont.)

 Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.

- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

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Well: Peters Point Unit Federal 14-27D-12-16

SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Peter's Point Drilling Program One Multiple Well Location

Operator:

Bill Barrett Corporation

List of Wells:

Number	Section	TWP/RNG
14A-27D-12-16 14-27D-12-16 12-27D-12-16 13-27D-12-16	27	12S/16E
13A-27D-12-16 3A-34D-12-16 4A-34D-12-16		
	14A-27D-12-16 14-27D-12-16 12-27D-12-16 13-27D-12-16 13A-27D-12-16 3A-34D-12-16	14A-27D-12-16 27 14-27D-12-16 12-27D-12-16 13-27D-12-16 13A-27D-12-16 3A-34D-12-16

I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

Il Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. A Paleontologist permitted by BLM will monitor construction activity during surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan. Contact the Price Field Office paleontological lead (Michael Leschin @ 435-636-3619) prior to start of surface disturbing activities.

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- 3. The cuttings trench shall be lined.
- 4. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 5. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 6. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
- 7. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 8. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

III Standard Conditions of Approval

A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

B. Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

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Well: Peters Point Unit Federal 14-27D-12-16

C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- 2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

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Date: 9/20/2010
Well: Peters Point Unit Federal 14-27D-12-16

Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider--a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

			FORMS
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107		
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16	
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR		☐ WATER DISPOSAL
Report Date: 3/1/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
3,1,2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all po March Monthly Drilling Activit	-	volumes, etc.
			Accepted by the
			Utah Division of
		Oi	il, Gas and Mining
		FOI	R RECORD ONLY
		. • .	
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	R TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		4/5/2011	

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ES .	
	DIVISION OF OIL, GAS, AND MIN	NING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107
SUND	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U 		7.UNIT OF CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , I		NE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN: 'Township: 12.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
4/25/2011	☐ CHANGE WELL STATUS	\square commingle producing formations	CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK
_	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	\square si ta status extension	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
BBC is submitting cementing progr formation given on previous wells' faile surface casing is sch	This sundry with attached revalues am for this wells' approved conditions wells' approved the BLM. These distributed attempt to complete the Maineduled to commence on 4/25/proul at 303-312-8174 with quality at 303-312-8174 with quality wells.	isions to the drilling and mpletion of the Mancos changes are based upon ancos formation. This wells (2011. Please contact Dougestions.	Accepted by the Utah Division of
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE N/A	555 522 5225	DATE 4/21/2011	

DRILLING PROGRAM

BILL BARRETT CORPORATION Peter's Point Unit Federal 14-27D-12-16

SESW, 210' FSL & 1385' FWL Sec 27, T12S-R16E (surface) SESW, 633' FSL, 2036' FWL Sec. 27, T12S-R16E (bottom) Carbon County, Utah

1 – 2. <u>Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals</u>

<u>Formation</u>	<u>Depth – MD</u>	Depth – TVD
Wasatch	3321'	3312'
North Horn	5370'	5352'
Dark Canyon	6937'	6912'
Price River	7179'	7152'
Blackhawk Marine	9153'	9117'
Mancos Masuk	9574'*	9537'*
Dakota Silt	13,734'	13,697'
TD	14,143'	14,097'

PROSPECTIVE PAY: *Mancos is the primary objective. All potentially productive hydrocarbon zones will be isolated with cement in the production casing annulus.

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment						
0 – 1042'	No pressure control required						
1042' – TD	11" 5000# Double Ram Type BOP (Blind/Pipe)						
	11" 5000# Annular BOP						
- Drilling spool to accommodate choke and kill lines;							
- Ancillary equipment and choke manifold rated at 5,000#. All BOP and BOPE tests will be in							
accordance with the requirements of onshore Order No. 2;							
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in							
advance of all BOP pressure tests.							
- BOP hand wheels	- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up						
to operate most ef	ficiently in this manner.						

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #14-27D-12-16 Carbon County, Utah

4. <u>Casing Program</u>

Hole Size	Setting	Depth	Casing	Casing	Casing	Thread	Condition
	<u>From</u>	<u>To</u>	Size	Weight	<u>Grade</u>		
24"	Surface	40'	14"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	J-55	ST&C	New
8 3/4"	1042	TD'	5 ½"	20.0#	HCP-110	LT&C	New
8 3/4"	1042	TBD	7"	29#	HCP-110	LT&C	New
8 3/4"	1042	TD	4 1/2"	11.6#	HCP-110	LT&C	New

Note: Primary production string is 5 ½", BBC may elect to run either 7" and/or 4 ½" in lieu of 5 ½" as a contingency plan if drilling conditions warrant.

5. <u>Cementing Program</u>

14" Conductor Casing	Grout cement
9 5/8" Surface Casing	See Attached
5 ½" Production Casing	See Attached
	See Attached
7" Alt. Intermediate Casing/	
Alternate Production	
4 ½" Alternate Production Casing	See Attached
Note: Actual volumes to be calcula	ted from caliper log.

6. <u>Mud Program</u>

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	Fluid Loss (API filtrate)	<u>Remarks</u>
0-40'	8.3 - 8.6	27 - 40		Native Spud Mud
40' - 1000'	8.3 - 8.6	27 - 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 10	34 - 48	15-25 сс	Fresh Water

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. <u>Testing, Logging and Core Programs</u>

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD every 100ft
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, Image all TD to
	surface.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #14-27D-12-16 Carbon County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 7354 psi* and maximum anticipated surface pressure equals approximately 4243 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x $TD_{TVD} = A$ (bottom hole pressure)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be by pit volume totalizer

10. <u>Drilling Schedule</u>

Location Construction: Completed

Rig Spud: Feb. 15th, 2011 Resume Drilling: Apr 26th, 2011

Duration: 45 days drilling time

60 days completion time

^{**}Maximum surface pressure = $A - (0.22 \text{ x TD}_{TVD})$

Other -Onshore Variances Requested

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to $3 \frac{1}{2}$ long x 2" (ID 2.067) OR 24" minimum up to $3 \frac{1}{2}$ long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



NINE MILE CEMENT VOLUMES

Well Name: Peter's Point UF 14-27D

5 1/2 Casing

Surface Hole Data: Calculated Data:

Total Depth:	1,042
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Lead Volume:	216.7	ft°
Lead Fill:	692'	1
Tail Volume:	109.6	ft
Tail Fill:	350'	T

Cement Data:

Lead Yield:	1.70	ft³/sk
Tail Yield:	1.15	ft³/sk
% Excess:	1 00%	

# SK's Lead:	260
# SK's Tail:	200

Calculated # of Sacks:

Production Hole Data: Calculated Data: Total Depth: 14,143' Lead Volume: 2273.3 ft Top of Cement: 0' Lead Fill: 9,000' OD of Hole: 8.750" Tail Volume: 1299.1 ft° OD of Casing: 5.500" Tail Fill: 5,143 Cement Data: Calculated # of Sacks: Lead Yield: 2.39 ft³/sk # SK's Lead: ft³/sk Tail Yield: 1.44 # SK's Tail: 1090 % Excess: 20%

Peter's Point UF 14-27D Proposed Cementing Program

5 1/2" Casing

Job Recommendation		Sur	face Casing
Lead Cement - (692' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	1.70	ft ³ /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	Ο'	
	Calculated Fill:	692'	
	Volume:	38.60	bbl
	Proposed Sacks:	260	sks
Tail Cement - (1042' - 692')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft ³ /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	692'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	200	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (0' - 9000')			
Halliburton Econocem	Fluid Weight:	12.7	lbm/gal
	Slurry Yield:	2.39	ft ³ /sk
	Total Mixing Fluid:		
	Top of Fluid:	0'	
	Calculated Fill:	9,000'	
	Volume:	404.87	bbl
	Proposed Sacks:	1150	sks
Tail Cement - (9000' - 14143')			
Halliburton Versacem	Fluid Weight:	14.3	lbm/gal
	Slurry Yield:	1.44	ft ³ /sk
	Total Mixing Fluid:	6.23	Gal/sk
	Top of Fluid:	9,000'	
	Calculated Fill:	5,143'	
	Volume:	231.36	bbl
	Proposed Sacks:	1090	sks



NINE MILE CEMENT VOLUMES

Well Name: Peter's Point UF 14-27D 7" Casing Surface Hole Data: Calculated Data: Total Depth: 1,042 Lead Volume: 216.7 Top of Cement: 0' Lead Fill: 692 OD of Hole: 12.250" Tail Volume: 109.6 OD of Casing: 9.625" Tail Fill: 350 Cement Data: Calculated # of Sacks: ft°/sk Lead Yield: 1.70 # SK's Lead: Tail Yield: ft³/sk 1.15 # SK's Tail: % Excess: 100%

Production Hole Data: Calculated Data: Total Depth: 14,143' Lead Volume: 1353.0 Top of Cement: Lead Fill: 9,000 OD of Hole: 8.750" Tail Volume: 773.1 Tail Fill: OD of Casing: 7.000" 5,143 Cement Data: Calculated # of Sacks: ft³/sk 2.39 Lead Yield: # SK's Lead: ft³/sk Tail Yield: 1.44 # SK's Tail: 20% % Excess:

Peter's Point UF 14-27D Proposed Cementing Program 7" Casing

Job Recommendation		Sur	face Casing
Lead Cement - (692' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	1.70	ft ³ /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	692'	
	Volume:	38.60	bbl
	Proposed Sacks:	260	sks
Tail Cement - (1042' - 692')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft ³ /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	692'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	200	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (0' - 9000')			
Halliburton Econocem	Fluid Weight:	12.7	lbm/gal
	Slurry Yield:	2.39	ft ³ /sk
	Total Mixing Fluid:		Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	9,000'	
	Volume:	240.95	bbl
	Proposed Sacks:	680	sks
Tail Cement - (9000' - 14143')			
Halliburton Versacem	Fluid Weight:	14.3	lbm/gal
	Slurry Yield:	1.44	ft ³ /sk
	Total Mixing Fluid:		Gal/sk
	Top of Fluid:	9,000'	
	Calculated Fill:	5,143'	
	Volume:	137.69	bbl
	Proposed Sacks:	650	sks



NINE MILE CEMENT VOLUMES

Well Name:	Peter's Point UF 14-27D
	4 1/2" Casing
Surface Hole Data:	Calculated Data:
Total Depth: 1,042	Lead Volume: 216.7 ft°
Top of Cement: 0'	Lead Fill: 692'
OD of Hole: 12.250"	Tail Volume: 109.6 ft°
OD of Casing: 9.625"	Tail Fill: 350'
Cement Data:	Calculated # of Sacks:
Lead Yield: 1.70 ft	/sk # SK's Lead: 260
Dead Held. 1.70	
	/sk # SK's Tail: 200

Production Hole Date	<u>a:</u>	Calculated Data:	_	
Total Depth:	14,143'	Lead Volume:	1353.0	ft³
Top of Cement:	0'	Lead Fill:	9,000'	
OD of Hole:	8.750"	Tail Volume:	773.1	ft³
OD of Casing:	7. 000 th	Tail Fill:	5,143'	
Cement Data:		Calculated # of	Sacks:]
Cement Data: Lead Yield:	2.39 ft³/sk]
Cement Data:		Calculated # of	Sacks:]

Peter's Point UF 14-27D Proposed Cementing Program 4 1/2" Casing

Job Recommendation		Su	face Casing
Lead Cement - (692' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	1.70	ft ³ /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	692'	
	Volume:	38.60	bbl
	Proposed Sacks:	260	sks
Tail Cement - (1042' - 692')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft ³ /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	692'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	200	sks

Job Recommendation		Produc	tion Casing
Lead Cement - (0' - 9000')			
Halliburton Econocem	Fluid Weight:	12.7	lbm/gal
	Slurry Yield:	2.39	ft ³ /sk
	Total Mixing Fluid:	12.63	Gal/sk
	Top of Fluid:	0'	·
	Calculated Fill:	9,000'	
	Volume:	240.95	bbl
	Proposed Sacks:	680	sks
Tail Cement - (9000' - 14143')			
Halliburton Versacem	Fluid Weight:	14.3	lbm/gal
	Slurry Yield:	1.44	ft ³ /sk
	Total Mixing Fluid:	6.23	Gal/sk
	Top of Fluid:	9,000'	·
	Calculated Fill:	5,143'	
	Volume:	137.69	bbl
	Proposed Sacks:	650	sks



Bill Barrett Corp.

Carbon County, UT [NAD27]
Peter's Point SW 27 Pad
Peter's Point UF 14-27D-12-16

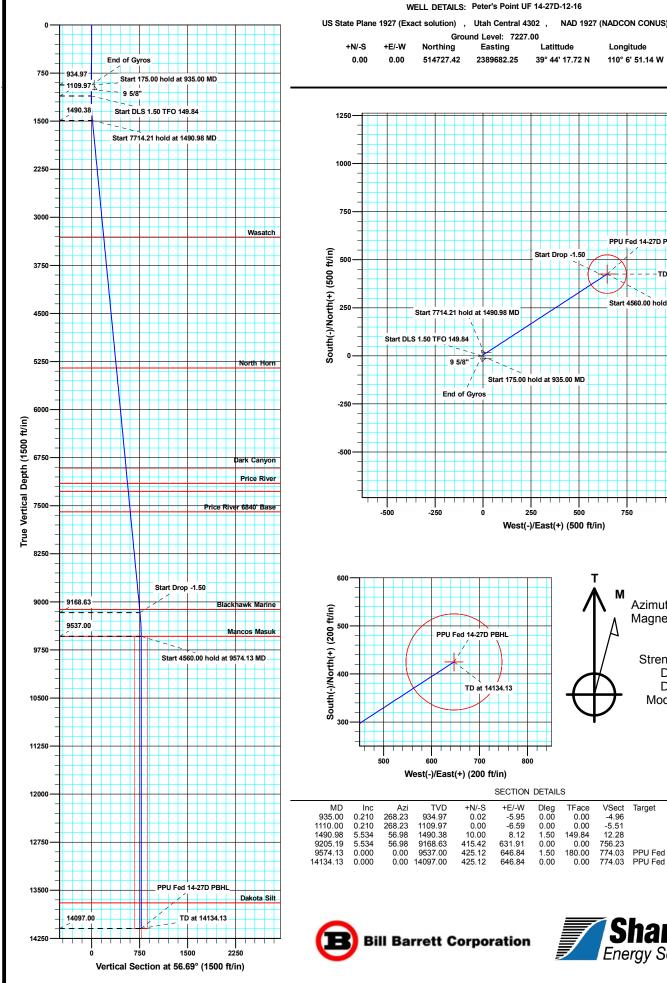
Wellbore #1

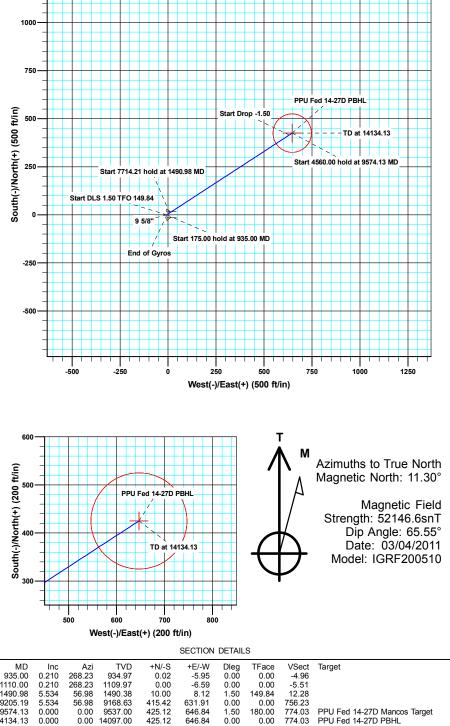
Plan: plan2 21apr11 smw

Standard Planning Report

21 April, 2011







Longitude

110° 6' 51.14 W

SharewellEnergy Services, LP



Sharewell

Planning Report



Compass VM Database: Company:

Bill Barrett Corp.

Project: Carbon County, UT [NAD27] Site: Peter's Point SW 27 Pad Well: Peter's Point UF 14-27D-12-16

Wellbore: Wellbore #1 plan2 21apr11 smw Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

Minimum Curvature

Project Carbon County, UT [NAD27]

US State Plane 1927 (Exact solution) Map System:

NAD 1927 (NADCON CONUS) Geo Datum:

Utah Central 4302 Map Zone:

Site

System Datum: Mean Sea Level

Using geodetic scale factor

Peter's Point SW 27 Pad

Northing: 514,727.80 usft Site Position: Latitude: 39° 44' 17.72 N From: Lat/Long Easting: 2,389,682.25 usft Longitude: 110° 6' 51.14 W **Position Uncertainty:** 0.89°

0.00 ft Slot Radius: **Grid Convergence:** 1.10 ft

Well Peter's Point UF 14-27D-12-16

Well Position +N/-S -0.38 ft Northing: 514,727.42 usft Latitude: 39° 44' 17.72 N +E/-W 0.00 ft Easting: 2,389,682.25 usft Longitude: 110° 6' 51.14 W

Position Uncertainty 0.00 ft Wellhead Elevation: **Ground Level:** 7,227.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	03/04/11	11.30	65.55	52,147

Design	plan2 21apr11 smw				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	935.00	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	56.69	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
935.00	0.210	268.23	934.97	0.02	-5.95	0.00	0.00	0.00	0.00	
1,110.00	0.210	268.23	1,109.97	0.00	-6.59	0.00	0.00	0.00	0.00	
1,490.98	5.534	56.98	1,490.38	10.00	8.12	1.50	1.40	39.04	149.84	
9,205.19	5.534	56.98	9,168.63	415.42	631.91	0.00	0.00	0.00	0.00	
9,574.13	0.000	0.00	9,537.00	425.12	646.84	1.50	-1.50	0.00	180.00	PPU Fed 14-27D Mar
14,134.13	0.000	0.00	14,097.00	425.12	646.84	0.00	0.00	0.00	0.00	PPU Fed 14-27D PBI



Sharewell

Planning Report



Database: Company: Compass VM

Bill Barrett Corp.

Project: Carbon County, UT [NAD27]
Site: Peter's Point SW 27 Pad
Well: Peter's Point UF 14-27D-12-16

Wellbore: Wellbore #1

Design: plan2 21apr11 smw

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

:	plan2 21apr11	SIIIW							
ed Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
935.00	0.210	268.23	934.97	0.02	-5.95	-4.96	0.00	0.00	0.00
	0 hold at 935.00 N								
1,000.00 1,007.80 9 5/8"	0.210 0.210	268.23 268.23	999.97 1,007.77	0.01 0.01	-6.19 -6.22	-5.16 -5.19	0.00 0.00	0.00 0.00	0.00
1,100.00	0.210	268.23	1,099.97	0.00	-6.56	-5.48	0.00	0.00	0.00
1,110.00	0.210	268.23	1,109.97	0.00	-6.59	-5.51	0.00	0.00	0.00
Start DLS 1	.50 TFO 149.84								
1,200.00	1.173	52.91	1,199.97	0.55	-6.02	-4.73	1.50	1.07	160.75
1,300.00	2.671	55.81	1,299.91	2.48	-3.28	-1.38	1.50	1.50	2.90
1,400.00	4.170	56.62	1,399.73	5.79	1.68	4.59	1.50	1.50	0.82
1,490.98	5.534	56.98	1,490.38	10.00	8.12	12.28	1.50	1.50	0.39
Start 7714.2	21 hold at 1490.9	B MD							
1,500.00	5.534	56.98	1,499.35	10.47	8.85	13.15	0.00	0.00	0.00
1,600.00	5.534	56.98	1,598.89	15.73	16.94	22.80	0.00	0.00	0.00
1,700.00	5.534	56.98	1,698.42	20.99	25.03	32.44	0.00	0.00	0.00
1,800.00	5.534	56.98	1,797.96	26.24	33.11	42.08	0.00	0.00	0.00
1,900.00	5.534	56.98	1,897.49	31.50	41.20	51.73	0.00	0.00	0.00
2,000.00	5.534	56.98	1,997.02	36.75	49.28	61.37	0.00	0.00	0.00
2,100.00	5.534 5.534	56.98	2,096.56	42.01	57.37 65.46	71.01	0.00	0.00	0.00
2,200.00	5.534	56.98	2,196.09	47.26	65.46	80.66	0.00	0.00	0.00
2,300.00	5.534	56.98	2,295.63	52.52	73.54 81.63	90.30	0.00	0.00	0.00
2,400.00 2,500.00	5.534 5.534	56.98 56.98	2,395.16 2,494.69	57.77 63.03	89.72	99.95 109.59	0.00 0.00	0.00 0.00	0.00 0.00
2,600.00	5.534	56.98	2,594.23	68.28	97.80	119.23	0.00	0.00	0.00
2,700.00	5.534	56.98	2,693.76	73.54	105.89	128.88	0.00	0.00	0.00
2,800.00	5.534	56.98	2,793.30	78.79	113.97	138.52	0.00	0.00	0.00
2,900.00	5.534	56.98	2,892.83	84.05	122.06	148.17	0.00	0.00	0.00
3,000.00	5.534	56.98	2,992.36	89.31	130.15	157.81	0.00	0.00	0.00
3,100.00	5.534	56.98	3,091.90	94.56	138.23	167.45	0.00	0.00	0.00
3,200.00	5.534	56.98	3,191.43	99.82	146.32	177.10	0.00	0.00	0.00
3,300.00	5.534	56.98	3,290.96	105.07	154.40	186.74	0.00	0.00	0.00
3,321.13	5.534	56.98	3,312.00	106.18	156.11	188.78	0.00	0.00	0.00
Wasatch									
3,400.00	5.534	56.98	3,390.50	110.33	162.49	196.38	0.00	0.00	0.00
3,500.00	5.534	56.98	3,490.03	115.58	170.58	206.03	0.00	0.00	0.00
3,600.00	5.534	56.98	3,589.57	120.84	178.66	215.67	0.00	0.00	0.00
3,700.00	5.534	56.98	3,689.10	126.09	186.75	225.32	0.00	0.00	0.00
3,800.00	5.534	56.98	3,788.63	131.35	194.84	234.96	0.00	0.00	0.00
3,900.00	5.534	56.98	3,888.17	136.60	202.92	244.60	0.00	0.00	0.00
4,000.00	5.534	56.98	3,987.70	141.86	211.01	254.25	0.00	0.00	0.00
4,100.00	5.534	56.98	4,087.24	147.12	219.09	263.89	0.00	0.00	0.00
4,200.00	5.534	56.98	4,186.77	152.37	227.18	273.53	0.00	0.00	0.00
4,300.00	5.534	56.98	4,286.30	157.63	235.27	283.18	0.00	0.00	0.00
4,400.00	5.534	56.98	4,385.84	162.88	243.35	292.82	0.00	0.00	0.00
4.500.00	5.534	56.98	4,485.37	168.14	251.44	302.47	0.00	0.00	0.00
4,600.00	5.534	56.98	4,584.91	173.39	259.52	312.11	0.00	0.00	0.00
4,700.00	5.534	56.98	4,684.44	178.65	267.61	321.75	0.00	0.00	0.00
4,800.00	5.534	56.98	4,783.97	183.90	275.70	331.40	0.00	0.00	0.00
4,900.00	5.534	56.98	4,883.51	189.16	283.78	341.04	0.00	0.00	0.00
5,000.00 5,100.00	5.534 5.534	56.98 56.98	4,983.04 5,082.57	194.41 199.67	291.87 299.96	350.69 360.33	0.00 0.00	0.00 0.00	0.00 0.00
5,100.00	5.53 4 5.534	56.98	5,082.57 5,182.11	204.93	299.96 308.04	369.97	0.00	0.00	0.00
5,200.00	5.534 5.534	56.98	5,162.11	204.93	316.13	379.62	0.00	0.00	0.00



Sharewell

Planning Report



Database: Company: Project:

Site:

Well:

Compass VM

Bill Barrett Corp.

Carbon County, UT [NAD27]
Peter's Point SW 27 Pad
Peter's Point UF 14-27D-12-16

Wellbore: Wellbore #1

Design: plan2 21apr11 smw

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

	plan2 21apr11	JIIIW							
d Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,370.69	5.534	56.98	5,352.00	213.90	321.84	386.43	0.00	0.00	0.00
North Horn			,						
5,400.00	5.534	56.98	5,381.18	215.44	324.21	389.26	0.00	0.00	0.00
5,408.07	5.534	56.98	5,389.21	215.86	324.87	390.04	0.00	0.00	0.00
PPU Fed 14-			-,						
5,500.00	5.534	56.98	5,480.71	220.69	332.30	398.90	0.00	0.00	0.00
5,600.00	5.534	56.98	5,580.24	225.95	340.39	408.55	0.00	0.00	0.00
5,700.00	5.534	56.98	5,679.78	231.20	348.47	418.19	0.00	0.00	0.00
5,800.00	5.534	56.98	5,779.31	236.46	356.56	427.84	0.00	0.00	0.00
5,900.00	5.534	56.98	5,878.85	241.71	364.64	437.48	0.00	0.00	0.00
6,000.00	5.534	56.98	5,978.38	246.97	372.73	447.12	0.00	0.00	0.00
6,100.00 6,200.00	5.534 5.534	56.98 56.98	6,077.91 6,177.45	252.22 257.48	380.82 388.90	456.77 466.41	0.00 0.00	0.00 0.00	0.00 0.00
6,300.00 6,400.00	5.534 5.534	56.98 56.98	6,276.98 6.376.52	262.73 267.99	396.99 405.08	476.05 485.70	0.00 0.00	0.00 0.00	0.00 0.00
6,500.00	5.534 5.534	56.98	6,476.05	267.99 273.25	405.08 413.16	485.70 495.34	0.00	0.00	0.00
6,600.00	5.534	56.98	6,575.58	278.50	421.25	504.99	0.00	0.00	0.00
6,700.00	5.534	56.98	6,675.12	283.76	429.33	514.63	0.00	0.00	0.00
6.800.00	5.534	56.98	6.774.65	289.01	437.42	524.27	0.00	0.00	0.00
6,900.00	5.534	56.98	6,874.18	294.27	445.51	533.92	0.00	0.00	0.00
6,937.99	5.534	56.98	6,912.00	296.26	448.58	537.58	0.00	0.00	0.00
Dark Canyor									
7,000.00	5.534	56.98	6,973.72	299.52	453.59	543.56	0.00	0.00	0.00
7,100.00	5.534	56.98	7,073.25	304.78	461.68	553.21	0.00	0.00	0.00
7,179.12	5.534	56.98	7,152.00	308.94	468.08	560.83	0.00	0.00	0.00
Price River									
7,200.00 7,300.00	5.534 5.534	56.98 56.98	7,172.79 7,272.32	310.03 315.29	469.76 477.85	562.85 572.49	0.00 0.00	0.00 0.00	0.00 0.00
7,304.70	5.534	56.98	7,272.32	315.54	477.03	572.49 572.95	0.00	0.00	0.00
Price River 6			,						
7,400.00	5.534	56.98	7,371.85	320.54	485.94	582.14	0.00	0.00	0.00
7,500.00	5.534	56.98	7,471.39	325.80	494.02	591.78	0.00	0.00	0.00
7,600.00	5.534	56.98	7,570.92	331.06	502.11	601.42	0.00	0.00	0.00
7,626.20	5.534	56.98	7,597.00	332.43	504.23	603.95	0.00	0.00	0.00
Price River 6									
7,700.00 7,800.00	5.534 5.534	56.98 56.98	7,670.46 7,769.99	336.31 341.57	510.20 518.28	611.07 620.71	0.00 0.00	0.00 0.00	0.00 0.00
7,900.00			7,869.52						
7,900.00 8,000.00	5.534 5.534	56.98 56.98	7,869.52 7,969.06	346.82 352.08	526.37 534.45	630.36 640.00	0.00 0.00	0.00 0.00	0.00 0.00
8,100.00	5.534	56.98	8,068.59	357.33	542.54	649.64	0.00	0.00	0.00
8,200.00	5.534	56.98	8,168.13	362.59	550.63	659.29	0.00	0.00	0.00
8,300.00	5.534	56.98	8,267.66	367.84	558.71	668.93	0.00	0.00	0.00
8,400.00	5.534	56.98	8,367.19	373.10	566.80	678.57	0.00	0.00	0.00
8,500.00	5.534	56.98	8,466.73	378.35	574.88	688.22	0.00	0.00	0.00
8,600.00	5.534	56.98	8,566.26	383.61	582.97	697.86	0.00	0.00	0.00
8,700.00	5.534	56.98	8,665.79	388.87	591.06	707.51	0.00	0.00	0.00
8,800.00	5.534	56.98	8,765.33	394.12	599.14	717.15	0.00	0.00	0.00
8,900.00	5.534	56.98	8,864.86	399.38	607.23	726.79	0.00	0.00	0.00
9,000.00	5.534	56.98	8,964.40	404.63	615.32	736.44	0.00	0.00	0.00
9,100.00 9,153.32	5.534 5.534	56.98 56.98	9,063.93 9,117.00	409.89 412.69	623.40 627.71	746.08 751.22	0.00 0.00	0.00 0.00	0.00 0.00
9, 153.32 Blackhawk N		50.96	3,117.00	412.09	021.11	131.22	0.00	0.00	0.00
9,200.00	5.534	56.98	9,163.46	415.14	631.49	755.72	0.00	0.00	0.00



SharewellPlanning Report



Database: Company: Compass VM

Bill Barrett Corp.

Project: Carbon County, UT [NAD27]
Site: Peter's Point SW 27 Pad
Well: Peter's Point UF 14-27D-12-16

Wellbore: Wellbore #1

Design: plan2 21apr11 smw

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

Design:		plan2 21apr11	smw							
Diannad	I Cumrou									
Planned	Survey									
	Measured Depth (ft)	Inclination	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
	9,205.19	5.534	56.98	9,168.63	415.42	631.91	756.23	0.00	0.00	0.00
	Start Drop -1.									
	9,300.00	4.112	56.98	9,263.10	419.76	638.59	764.20	1.50	-1.50	0.00
	9,400.00	2.612	56.98	9,362.93	422.96	643.51	770.06	1.50	-1.50	0.00
	9,500.00	1.112	56.98	9,462.87	424.73	646.23	773.31 774.03	1.50	-1.50	0.00
	9,574.13	0.000	0.00	9,537.00	425.12	646.84	774.03	1.50	-1.50	0.00
	Start 4560.00	hold at 9574.13	B IVID - Mancos I	wasuk - PPU Fe	d 14-2/D Wanc	os rarget				
	9,600.00	0.000	0.00	9,562.87	425.12	646.84	774.03	0.00	0.00	0.00
	9,700.00	0.000	0.00	9,662.87	425.12	646.84	774.03	0.00	0.00	0.00
	9,800.00	0.000	0.00	9,762.87	425.12	646.84	774.03	0.00	0.00	0.00
	9,900.00	0.000	0.00	9,862.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,000.00	0.000	0.00	9,962.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,100.00	0.000	0.00	10,062.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,200.00	0.000	0.00	10,162.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,300.00	0.000	0.00	10,262.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,400.00	0.000	0.00	10,362.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,500.00	0.000	0.00	10,462.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,600.00	0.000	0.00	10,562.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,700.00	0.000	0.00	10,662.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,800.00	0.000	0.00	10,762.87	425.12	646.84	774.03	0.00	0.00	0.00
	10,900.00	0.000	0.00	10,862.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,000.00	0.000	0.00	10,962.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,100.00	0.000	0.00	11,062.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,200.00	0.000	0.00	11,162.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,300.00	0.000	0.00	11,262.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,400.00	0.000	0.00	11,362.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,500.00	0.000	0.00	11,462.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,600.00	0.000	0.00	11,562.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,700.00	0.000	0.00	11,662.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,800.00	0.000	0.00	11,762.87	425.12	646.84	774.03	0.00	0.00	0.00
	11,900.00	0.000	0.00	11,862.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,000.00	0.000	0.00	11,962.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,100.00	0.000	0.00	12,062.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,200.00	0.000	0.00	12,162.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,300.00	0.000	0.00	12,262.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,400.00	0.000	0.00	12,362.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,500.00	0.000	0.00	12,462.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,600.00	0.000	0.00	12,562.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,700.00	0.000	0.00	12,662.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,800.00	0.000	0.00	12,762.87	425.12	646.84	774.03	0.00	0.00	0.00
	12,900.00	0.000	0.00	12,862.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,000.00	0.000	0.00	12,962.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,100.00	0.000	0.00	13,062.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,200.00	0.000	0.00	13,162.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,300.00	0.000	0.00	13,262.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,400.00	0.000	0.00	13,362.87	425.12 425.12	646.84 646.84	774.03 774.03	0.00	0.00	0.00
	13,500.00	0.000	0.00	13,462.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,600.00	0.000	0.00	13,562.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,700.00	0.000	0.00	13,662.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,734.13	0.000	0.00	13,697.00	425.12	646.84	774.03	0.00	0.00	0.00
	Dakota Silt	2 222	2.22	40 700 07	40= 40	040.04	77.4.00	2.22	2.22	0.00
	13,800.00	0.000	0.00	13,762.87	425.12	646.84	774.03	0.00	0.00	0.00
	13,900.00	0.000	0.00	13,862.87	425.12	646.84	774.03	0.00	0.00	0.00



SharewellPlanning Report



Database: Compass VM Bill Barrett Corp.

Project: Carbon County, UT [NAD27]
Site: Peter's Point SW 27 Pad
Well: Peter's Point UF 14-27D-12-16

Wellbore: Wellbore #1

Design: plan2 21apr11 smw

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
14,000.00 14,100.00 14,134.13	0.000 0.000 0.000	0.00 0.00 0.00	13,962.87 14,062.87 14,097.00	425.12 425.12 425.12	646.84 646.84 646.84	774.03 774.03 774.03	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PPU Fed 14-27D Mancc - plan hits target cen - Point	0.000 ter	0.00	9,537.00	425.12	646.84	515,162.46	2,390,322.36	39° 44′ 21.92 N	110° 6' 42.86 W
PPU Fed 14-27D PBHL - plan hits target cen - Circle (radius 100.0		0.00	14,097.00	425.12	646.84	515,162.46	2,390,322.36	39° 44' 21.92 N	110° 6' 42.86 W

Casing Points	s					
	Measured	Vertical		Casing	Hole	
	Depth	Depth		Diameter	Diameter	
	(ft)	(ft)	Name	(ft)	(ft)	
	1,007.80	1,007.77 9 5/8"		0.80	1.02	

Formations						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
	3,321.13	3,312.00	Wasatch		0.00	
	5,370.69	5,352.00	North Horn		0.00	
	6,937.99	6,912.00	Dark Canyon		0.00	
	7,179.12	7,152.00	Price River		0.00	
	7,304.70	7,277.00	Price River 6840' Sand		0.00	
	7,626.20	7,597.00	Price River 6840' Base		0.00	
	9,153.32	9,117.00	Blackhawk Marine		0.00	
	9,574.13	9,537.00	Mancos Masuk		0.00	
	13,734.13	13,697.00	Dakota Silt		0.00	

Plan Annotations					
Measure	ed Vertical	Local C	oordinates		
Depth	Depth	+N/-S	+E/-W		
(ft)	(ft)	(ft)	(ft)	Comment	
935	.00 934.97	7 0.02	-5.95	Start 175.00 hold at 935.00 MD	
1,110	.00 1,109.97	0.00	-6.59	Start DLS 1.50 TFO 149.84	
1,490	.98 1,490.38	3 10.00	8.12	Start 7714.21 hold at 1490.98 MD	
9,205	.19 9,168.63	415.42	631.91	Start Drop -1.50	
9,574	.13 9,537.00	425.12	646.84	Start 4560.00 hold at 9574.13 MD	
14,134	.13 14,097.00	425.12	646.84	TD at 14134.13	

				FORM O
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR			FORM 9
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107		
SUNDF	ELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepo gged wells, or to drill horizontal laterals		7.UNIT or CA AGREEMENT NAME: PETERS POINT	
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16			
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007500680000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		HONE NUMBEI 312-8164 E		9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27	P, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridiar	n: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	CATE NATUR	RE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	☐ ACIDIZE	ALTER	CASING	CASING REPAIR
NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	CHANG	E TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	□ соммі	NGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTU	JRE TREAT	☐ NEW CONSTRUCTION
bate of work completion.	OPERATOR CHANGE	☐ PLUG A	IND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAN	MATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		RACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR		PR FLARE	WATER DISPOSAL
✓ DRILLING REPORT				
Report Date: 4/1/2011			TATUS EXTENSION	APD EXTENSION
-, -,		OTHER		OTHER:
	MPLETED OPERATIONS. Clearly show all pril		ort. A U Oil	ccepted by the Stah Division of Gas and Mining
				
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE 303 312-8115		LE mit Analyst	
SIGNATURE N/A		DAT 5/6,	E /2011	



Peter's Point #14-27D-12-16 4/20/2011 18:00 - 4/21/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31278 UT Carbon West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

HYDRAVAC MUD TANKS & READY RIG FOR FRIDAY RIG MOVE - 12

Peter's Point #14-27D-12-16 4/21/2011 06:00 - 4/22/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31278 UT West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

RIG DOWN & READY RIG FOR RIG MOVE - PERFORMED OVERHEAD JOB ON 2 GENERATOR'S & STARTED REPAIRING EDS BRAKING SYSTEM. - 24

Peter's Point #14-27D-12-16 4/22/2011 06:00 - 4/23/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ft/KB) Primary Job Type 43-007-31278 UT West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

3 MILE MOVE WITH 2 CRANES - 2 FORKLIFTS - 7 TRUCKS & 17 HANDS - OLD LOCATION , MOVE MUD TANKS,CENTRAFUGE & CATCH TANK , PUMPS , FESTOON HOUSE , PIPE WRANGLER , LAID DERRICK OVER & UNSPOOLED DRILLING LINE - NEW LOCATION SET MUD TANKS & BOTH PUMPS - SLICK MUDDY CONDITIONS HAMPERING MOVE. - 12, WAITING ON DAYLIGHT - 12

Peter's Point #14-27D-12-16 4/23/2011 06:00 - 4/24/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31278 UT West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

MOVED & SET IN PLACE ON NEW LOCATION - CATCH TANK - CENTRIFUGE STANDS - BUSTER & CHOKE HOUSE - GENS & SCR HOUSE - H 2/O & FUEL TANKS - PARTSHOUSE & FESTOON HOUSE - BOTTOM DOGHOUSE --- SETTING ON NEW LOCATION ARE SUBS - BLOCK HOUSE - DERRICK & BOARD - TOP DOGHOUSE - VFD HOUSE & CENTRIFUGE'S ---- ON OLD LOCATION ARE MUD PRODUCT'S - ALL TUBULARS & CASING STRING - ALL CAMPS - SHOULD HAVE EVERYTHING OFF OLD LOCATION BY MONDAY AFTERNOON. - 12, WAIT ON DAYLIGHT - 2 CRANES - 2 FORKLIFTS - 1 MAN LIFT - 7 TRUCKS - 2 WELDER'S - 3 MECHANIC'S - 15 RIG HANDS & 2 PUSHER'S - FINISHED OVERHEAD JOB ON GENERATOR'S - INSPECT HIGH DRUM CLUTCH - REPAIR COLD START ENGINE - FINISHED EDS BRAKE SYSTEM - CHECKED GEAR'S ON PUMP GEAR ENDS. - REPLACED 6 VALVES IN HOPPER SYSTEM - TO RECIEVE FUEL & WATER IN THE MORNING - 12

Peter's Point #14-27D-12-16 4/24/2011 06:00 - 4/25/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-31278 UT West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

STACKED SUBS - RIGGED UP DRWKS &TRACTION MOTOR'S - IRON ROUGHNECK - TOP DOGHOUSE & VFD HOUSE - PUT DERRICK TOGETHER & SET ON FLOOR & SPOOLED UP DRILLING LINE - FILLED WATER TANK & MUD TANKS 1/2 FULL - RECIEVED ON NEW LOCATION BIT SHED - 2 UPRIGHT TANKS - ALL TUBULARS ----------- ON OLD LOCATION ARE CAMPS - MUD PRODUCTS - CEMENT BIN & DEWATERING UNIT & 7000' OF 5.5" CASING AND 1 UPRIGHT TANK. SHOULD HAVE EVRYTHING OFF OLD LOCATION BY 5 PM 4/25/11 - 12, WAITING ON DAYLIGHT - 12

Peter's Point #14-27D-12-16 4/25/2011 06:00 - 4/26/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31278 UT Carbon West Tavaputs Released for Work 9,003.0 Drilling & Completion

REPAIR EDS BRAKING SYSTEM - DUE TO FACT THAT PATTERSON MECHANICS LEFT WITHOUT FINISHING THERE JOB - WE STILL NEED TO CHANGE OUT EDS COOLING RADIATOR & HI DRUM CLUTCH HAS BROKEN BOLTS ON IT. - 7.5, SPOOL LINE ON DRUM & RAISE DERRICK @ 3 PM. - SET IN CAMPS - PIPE TUBS - BLOCK HOUSE - KOOMEY HOUSE - PIPE WRANGLER & UPRIGHT TANKS & CASING - HUNG TOP DRIVE TRACK - RELEASED TRUCKS @ 6:00 PM - SENT EXTRA CREW HOME. -- FILLED ALL TANKS WITH WATER - 5.5, WAIT ON DAYLIGHT - WILL BREAK TOUR IN THE MORNING - 11

Peter's Point #14-27D-12-16 4/26/2011 06:00 - 4/27/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31278 UT West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

Peter's Point #14-27D-12-16 4/27/2011 06:00 - 4/28/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-31278 UT West Tavaputs Released for Work 9,003.0 Drilling & Completion

Time Log Summary

MAKE UP STANDS - 1, WORK ON # 2 & # 3 GENS - THEY WOULD'NT START - ELECTRICAL ISSUE ON THROTTLE'S - 9.5, SERVIE RIG - 0.5, MAKE UP STANDS - 9.5, REPAIR EDS SYSTEM - HOOK LOAD SENSOR BAD & REPROGAMMED SYSTEM - 1, MAKE UP DIRECTIONAL TOOLS - FIRST MOTOR WAS BAD - CHANGE MOTOR'S & ORIENTATE TOOLS - 2.5



Peter's Point #14	-27D-12-16	4/28/2011	06:00 -	4/29/2011	06:00

TRIP INTO FLOAT & INSTALL RUBBER - 1, RECALIBRATE EDS & WT. IND. - BLEED HYDRAULIC LINES - 1, DRLG FLOAT @ 984' - CEMENT - SHOE @ 1030' - 1, DRLG 8 3/4" HOLE FROM 1030' TO 1191' - 1, CIRC & RECALIBRATE EDS SYSTEM - 0.5, DRLG 8 3/4" HOLE FROM 1191' TO 2341' - 5.5, SERVICE RIG & TOP DRIVE - 0.5, DRLG 8 3/4" HOLE FROM 2341' TO 4959' - 13.5

www.peloton.com Page 2/2 Report Printed: 5/4/2011 RECEIVED May. 06, 2011

T195 R16E 5-27 43-001-50068

From:

Pat313 <pat313@billbarrettcorp.com>

To:

"waltonwillis@yahoo.com" <waltonwillis@yahoo.com>, "walton_willis@blm.go...

Date:

4/25/2011 8:13 PM

Subject:

BOP TEST & SPUD NOTICE

BILL BARRETT CO. PATTERSON #313 303-353-5394 OR 970-309-0755

TO WHOM IT MAY CONCERN WE'RE APPROX. 24 HRS. FROM BOP TESTING & 36 HRS. FROM SPUDDING THE PETER'S POINT # 14-27D-12-16 - WITH PATTERSON RIG # 313. API # 43-007-50068.

ANY QUESTIONS OR CONCERNS E-MAIL OR CALL ME AT ABOVE PHONE #'S. THANKS: ROBERT

RECEIVED
APR 2 6 2011

Pat313 <pat313@billbarrettcorp.com>

To:

"waltonwillis@yahoo.com" <waltonwillis@yahoo.com>, "walton_willis@blm.go...

Date:

5/15/2011 6:01 PM

Subject:

RUNNING 5.5 CASING & CEMENTING

125

16E

27

ON PATTERSON @ 313 , FOR BILL BARRETT CO. IN NEXT 24 HRS WE WILL BE RUNNING CASING & CEMENTING ON PETERS POINT UNIT FEDERAL 14-27-12-16 API # 43-007-50068 IF ANY QUESTIONS OR CONCERNS PLEASE CALL THANK YOU

BILL BARRETT CO. PATTERSON #313 303-353-5394 OR 970-309-0755

RECEIVED MAY 1 6 2011

Pat313 <pat313@billbarrettcorp.com>

To:

"waltonwillis@yahoo.com" <waltonwillis@yahoo.com>, "walton_willis@blm.go...

Date:

5/15/2011 6:01 PM

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BILL BARRETT CO. PATTERSON #313 303-353-5394 OR 970-309-0755

RECEIVED MAY 1 6 2011

			FORM 9
	STATE OF UTAH		
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107
SUNDF	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		IONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridiar	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC.	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	_		
✓ DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
Report Date: 5/31/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
3,31,2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
l .	MPLETED OPERATIONS. Clearly show all p		volumes, etc.
May 20:	11 Monthly Drilling Activity R	Report Attached.	
			Accepted by the
			Utah Division of
			il, Gas and Mining
			R RECORD ONLY
		FOI	N RECORD UNLI
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE 303 312-8115	R TITLE Permit Analyst	
SIGNATURE N/A		DATE 6/3/2011	



Peter's Point #14-27D-12-16 5/1/2011 06:00 - 5/2/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 8 3/4" HOLE FROM 7671' TO 7854' - 4.5, SERVICE RIG & TOP DRIVE - 0.5, PUMP 10 SACK LUBRA BEADS INTO HOLE & TRIP OUT FOR BIT - 3.5, FUNCTION BLIND & PIPE RAMS - INSPECT BATTERIES & SURFACE TEST MOTOR - OK - CHANGE BITS OUT - WELL STATIC - 0.5, PICK UP SINGLES & MAKE 10 STANDS - RACK IN DERRICK - TRIP INTO HOLE - LOST 63 BBLS OF MUD ON TRIP - 4, DRLG 8 3/4" HOLE FROM 7854' TO 8209' - 6.5, TRIP OUT OF HOLE - DIFF PSI SPIKES - 3.5, FUNCTION BLIND & PIPE RAMS - WELL STATIC - FUNCTION TEST MOTOR - OK - CHANGE BITS - BIT WAS DBR - 1

Peter's Point #14-27D-12-16 5/2/2011 06:00 - 5/3/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

REORIENTATE TOOL - 0.5, TIH WITH BIT #4 LOST 50 BBL ON TRIP (HOLE GOOD) - 3, DRLG 8209' - 8527' (39.7 FPH) BOTH PUMPS @ 70 SPM 576 GPM BIT 92 RPM PIPE 45 RPM 30 K ON BIT - 8, RIG SERVICE - 0.5, DRLG 8527' - 8822' (29.5 FPH) BOTH PUMPS @ 70 SPM 576 GPM BIT 92 RPM PIPE 45 RPM 30 K ON BIT - 10. CIRC BOTTOMS UP & BUILD DRY JOB - 0.5. TOH FOR BIT #4 - 1.5

Peter's Point #14-27D-12-16 5/3/2011 06:00 - 5/4/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

TOH FOR BIT #4 - 1.5, RIG SERVICE -OPERATE BLIND & PIPE RAMS - 0.5, CUT & SLIP 85' DRLG LINE - 1.5, WAIT ON JUNK SUB & 8.75 TRICONE BIT CHANGE SAVER SUB - 3, TRIP IN HOLE WITH JUNK SUB & 8.75 MILL TOOTH BIT

REAM 7008' - 8822' (HOLE GOOD) - 4, WORK JUNK BASKET & DRLG 2' OF NEW HOLE - 1, TRIP OUT WITH JUNK BASKET & BIT #5 - 2.5, CLEAN JUNK BASKET - RECOVER 16 PIECES MATRIX

APPROXMANTLY 1 # - 2 FULL CUTTERS & 4 CHIPS - 0.5, PU 6.75 MOTOR & DIR TOOLS, SCRIBE TOOLS - 1, TIH WITH BIT #6 TO 7100' (HOLE GOOD) - 2, REAM 7100' - 7480' - 0.5, TIH TO 8822 (HOLE GOOD) - 0.5, DRLG 8822' 9003' (32.9 FPH) BOTH PUMPS @ 70 SPM 576 GPM BIT 86 RPM PIPE 45 RPM 30 K ON BIT - 5.5

Peter's Point #14-27D-12-16 5/4/2011 06:00 - 5/5/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 9003' - 9193' (27 FPH) 1 PUMP @ 120 SPM

504 GPM BIT 76 RPM PIPÉ 40 RPM WOB 30K - 7, SERVICE RIG AND TOP DRIVE - 0.5, DRLG 9193' - 9477' (17.2 FPH) #2 PUMP @ 120 SPM 493 GPM BIT 74 RPM PIPE 40 RPM 30 K WOB - 16.5

Peter's Point #14-27D-12-16 5/5/2011 06:00 - 5/6/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

TRIP FOR BIT #6 (HOLE GOOD) - 4.5, CHANGE BOW SPRINGS ON MWD TOOL - 1, TIH WITH BIT #7 TO DRLG (HOLE GOOD) - 4, RIG SERVICE - 0.5, DRLG 9477' - 10428' (67 FPH) BOTH PUMPS @ 60 SPM 493 GPM BIT 74 RPM PIPE 44 RPM 25 K WOB - 14

Peter's Point #14-27D-12-16 5/6/2011 06:00 - 5/7/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50068 UT Carbon West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 10428' - 10804' (62 FPH) BOTH PUMPS @ 60 SPM

493 GPM BIT 74 RPM PIPE 45 RPM 28 K BIT WT - 6, TAKE 40 BBL KICK , SHUT IN , CIRC THRU CHOKE

MUD WT 10.5 RAISE TO 11.0 - 4, DRLG 10804' - 11094' (58 FPH) BOTH PUMPS @ 60 SPM

493 GPM BIT 74 RPM PIPE 45 RPM 27 K WT ON BIT - 5, RIG SERVICE - 0.5, DRLG 11094' - 11569' (55 FPH) BOTH PUMPS @ 60 SPM

494 GPM BIT 74 RPM PIPE 45 RPM 27 K BIT WT - 8.5

Peter's Point #14-27D-12-16 5/7/2011 06:00 - 5/8/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 11589' - 12043' (47 FPH) BOTH PUMPS @ 60 SPM

493 GPM BIT 74 RPM PIPE 45 RPM 15 K WOB - 9.5, RIG SERVICE - 0.5, DRLG 12043' - 12579' (38 FPH) BOTH PUMPS @ 60 SPM

493 GPM BIT 74 RPM PIPE 60 RPM 15 K WOB - 14

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Peter's Point #14-27D-12-16 5/8/2011 06:00 - 5/9/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 12579' - 12995' (437 FPH) BOTH PUMPS @ 60 SPM

493 GPM BIT 74 RPM PIPE 45 RPM 30 K WOB - 9.5, RIG SERVICE - 0.5, DRLG 12995' - 13473' (39.8 FPH) BOTH PUMPS @ 60 SPM

493 GPM BIT 74 RPM PIPE 45 RPM 30 K WOB - 12, CIRC TO KILL 3' - 6' FLARE FOR BIT TRIP / WIPER TRIP

MUD WT @ 11.6 PPG

MUDLOGGER CALLING DAKOTA SILT @ 13467'

NEED TO DRILL 202' FOR TD OF 13675' - 2

Peter's Point #14-27D-12-16 5/9/2011 06:00 - 5/10/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

CIRC & RAISE MUD WT TO 11.8 TO KILL FLARE - 1.5, TOH FOR BIT #7 (SLM) BACK REAM UP TO 10090'

PUMP PILL TOH (HOLE GOOD)

DRILLERS DEPTH 13473' STRAP 13476' - 9.5, CHANGE MUD MOTOR & STRAIGHTEN, OPERATE BLIND & PIPE RAMS - 1.5, TIH WITH BIT #8 TO 1000' -

0.5, CUT & SLIP 130' DRLG LINE - 1, TIH WITH BIT #8 FILL PIPE @ 3000'

CIRC 1/2 HR @ 6000' -9000' - 12000' 6' - 15' FLARE ALL CIRC

LOST 50 BBL MUD ON TRIP - 9, REAM 97' TO BOTTOM, FANNING BOTTOM - 0.5, DRLG 13473' - 13480' (14 FPH) BOTH PUMPS @ 55 SPM

452 GPM BIT 72 RPM PIPE 45 RPM 30 K WOB 3200 PSI - 0.5

Peter's Point #14-27D-12-16 5/10/2011 06:00 - 5/11/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 13480' - 13565' (8 FPH) BOTH PUMPS @ 55 SPM

452 GPM BIT 67 RPM PIPE 45 RPM 30 K WOB 3200 PSI - 10.5, RIG SERVICE - 0.5, DRLG 13565' - 13583' (4 FPH) BOTH PUMPS @ 55 SPM 452 GPM BIT 72 RPM PIPE 45 RPM 30 K WOB 3200 PSI - 4.5, TOH FOR BIT #8 - BACK REAM 22 STDS, TOH -10799' - 3, RIG REPAIR , REPAIR BROKEN LOW DRUM CHAIN - 5.5, TOH FOR BIT #8 (HOLE GOOD) - 0.5

Peter's Point #14-27D-12-16 5/11/2011 06:00 - 5/12/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

TRIP FOR BIT #8 TO 4400' - 2, RIG SERVICE (TROUBLE SHOOT EDS) - 0.5, RIG REPAIR ,SPEAR THROUGH WITCHATAH BRAKE BROKE WAIT ON NEW SPEAR AND MACHNIC TO COME OUT OF

GRAND JUNCTION & REPAIR WITH NEW SPEAR - 11.5, FINNISH TRIP OUT - 2.5, CHANGE BITS & BATTIRES ON MWD TOOL& SURFACE CHECK MOTOR - 0.5, TIH FILL PIPE @ 3000', CIRC @ 6000',9000',12000', - 5.5, WASH & REAM 90' TO BOTTOM - 0.5, DRLG 13583' - 13588' (5 FPH) BOTH PUMPS @ 55 SPM

452 GPM BIT 72 RPM PIPE 45 RPM 30 K WOB 3200 PSI - 1

Peter's Point #14-27D-12-16 5/12/2011 06:00 - 5/13/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

DRLG 13588' - 13730' T.D.(23 FPH) BOTH PUMPS @ 55 SPM

452 GPM BIT 73 RPM PIPE 45 RPM 30 K WOB 3400 PSI - 6, CIRC BOTTOMS UP 2 TIMES TO TRIP OUT TO LOG - 2, TOH TO LOG , (HOLE GOOD) - 5,

LAY DOWN MWD TOOL & MUD MOTOR - 0.5, RIG UP HALLIBURTON TO RUN TRIPPLE COMBO

RUN IN HOLE STACK OUT @ 9610' PU , STACK OUT @ 9580'

PULL 11000# ON WIRE LINE TO PULL OUT OF TIGHT SPOT

PULL WIRE LINE OUT , TO MAKE WIPER TRIP - 4.5, TIH WITH 8.75 TRI CONE FILL PIPE @ 3000' , CIRC @ 6000' - 3.5, WASH & REAM 9192' - 10,047' @

10 MIN STAND

DIDN,T SEE ANYTHING - 2.5

Peter's Point #14-27D-12-16 5/13/2011 06:00 - 5/14/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50068 UT Carbon West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

FINNISH TIH, CIRC @ 12000' (HOLE GOOD) - 1.5, REAM 300' TO BOTTOM (NO FILL) - 0.5, CIRC BOTTOMS UP 2 TIMES, PUMP H-IVIS SWEEP RUN CENTRAFUGE 1 HR - 2, TOH TO LOG (HOLE GOOD) - 4.5, RUN IN WITH TRIPPLE COMBO LOGGING TOOLS

HIT LEDGE @ 9610' WORK DOWN TO 9690'

PULL MAX 11500 # TO GET TOOL TO MOVE - 2.5, LOG UP 9680' - 1030' & LD TOOLS TO MAKE WIPER TRIP

WITH IBS - 3.5, TIH TO 1020' - 1, CUT & SLIP 120' DRLG LINE - 1, TIH TO 9600' FILL PIPE @ 3000' CIRC @ 6000' - 5, REAM 9600' - 10600' - 5 K WOB ,130 SPM 535 GPM 70 RPM

7.625 IBS 822' ABOVE BIT, WHEN IBS DEPTH 9500' START

UP REAMING EVERY STD - 2.5

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Peter's Point #14-27D-12-16 5/14/2011 06:00 - 5/15/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

REAM 10600' - 13730' TO CLEAN HOLE FOR LOGS

120 SPM 493 GPM 70 RPM 2600 PSI 10 K WOB - 9, CIRC BOTTOMS UP FOR TOH TO LOG - 1, TOH TO RUN OPEN HOLE LOGS - 5, RU HALLIBURTON & RUN OPEN HOLE LOGS

TAG UP @ 9590' WORK THROUGH TO 9795' TRY TO COME UP

WORK LOGGING TOOL UP THROUGH TIGHT SPOT, PULLING

MAX PULL 11500 # SEVERAL TIMES, ONCE FREE

PULL OUT LD & RELEASE HALLIBURTON LOGGING - 4, WEATHERFORD RIGGING UP TOOLS TO RUN LOGGING TOOL

ON DRILL PIPE - 5

Peter's Point #14-27D-12-16 5/15/2011 06:00 - 5/16/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

PU & RU WEATHERFORD LOGGING TOOLS - 3, TIH WITH WEATHERFORD LOGGING TOOLS

CIRC EVERY 2500' FOR 1/2 HR - 8, CIRC BOTTOMS UP @ 40 STKS PER MIN - 2, RIG SERVICE (TROBLE SHOOT TOP DRIVE) CAN'T ROTATE TOP DRIVE - 0.5, PUMP DART VALVE TO DEPLOY LOGGING TOOLS

1732 STKS - 2, TOH LOGGING TRIPPLE COMBO & IMAGE 15' PER MIN UP TO

9000', 100' MIN TO SURFACE - 8.5

Peter's Point #14-27D-12-16 5/16/2011 06:00 - 5/17/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

FINISH LOGGING WITH WEATHERFORD LOGGER'S & RIG DOWN - 4.5, RIG UP B&L CASER'S FILL TOOL & RUN 5.5" - P 110 - LT&C - 20# - RAN 3 MARKER'S @ 12200', 10700', 7130' -- RAN 107 CENTRALIZER'S EVERY OTHER JOINT FROM 13,675' THROUGH TO 4321' -- THEN RAN 25 MORE CENTRALIZER'S EVERY THIRD JOINT FROM 4266' THROUGH TO 1087' - FILLED PIPE @ 1017' - 3019' - 5022' - 9011'FILLED PIPE UNTIL PAST KNOWN TIGHT SPOT - RAN 3 MARKER JOINTS @ 12200', 9754' & 6589' - RAN 313 JOINTS TO 13,735' - 14.5, CIRC & RIG DOWN CASER'S & RIG UP HALCO - 2, FILL LINES & PSI TEST TO 6000 PSI - PUMP 10 BBLS. H 2/0 SPACER - 40 BBLS. SUPERFLUSH - 10 BBLS. H 2/0 SPACER - DROP PLUGS & START LEAD INTO CASING - 3

Peter's Point #14-27D-12-16 5/17/2011 06:00 - 5/18/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

MIX 1315 SACKS OF LEAD @ 12.7 PPG - 2.39 YIELD - 12.64 GAL/SK @ 560 BBLS - MIX & PUMP 990 SACKS OF TAIL @ 14.3 PPG - 1.44 YIELD - 6.23 GAL/SK @ 254 BBLS. - SHUT DOWN & DROP PLUGS - DISPLACE @ 303 BBLS OF CLAYFIX @ 3615 PSI - BUMP PLUG @ 4172 PSI - CHECK FLOATS - FLOATS HELD 4.25 BBLS BACK - RIG DOWN - 1.5, NIPPLE DOWN & SET SLIPS @ 430K - 25K ABOVE STRING WT - CUT OFF CASING - CASING HUNG @ 13,732' - RIG RELEASED @ 11:00 AM 5/17/11 - 3.5

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RECEIVED Jun. 03, 2011

	STATE OF UTAH			FORM 9
	DIVISION OF OIL, GAS, AND MI			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107
SUNDF	RY NOTICES AND REPORTS	S ON WELL	S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT		
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43007500680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		IONE NUMBER: 312-8164 Ext		9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridian	n: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE O	F NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		ТҮР	E OF ACTION	
	☐ ACIDIZE	☐ ALTER CASIN	IG	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUB	ING	☐ CHANGE WELL NAME
Approximate date from this start.	☐ CHANGE WELL STATUS	COMMINGLE	PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion: 8/9/2011	☐ DEEPEN	☐ FRACTURE TE	REAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND AE	BANDON	☐ PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATIO	N OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK T	O REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLA	RE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS	SEXTENSION	APD EXTENSION
	□ WILDCAT WELL DETERMINATION	OTHER		OTHER:
12 DESCRIPE PROPOSED OF CO	DMPLETED OPERATIONS. Clearly show all p			,
	to report that this will had fi		8/9/2011.	accepted by the
				Jtah Division of
				, Gas and Mining
			FOR	RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER	R TITLE Permit A	ınalyst	
SIGNATURE	303 312-8115	DATE	inary 30	
N/A		8/9/201	1	

STATE OF UTAL	FORM 9
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING 5.LEASE DESIGNATION AND SEI UTU08107	RIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRI	BE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current	
bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 7.UNIT or CA AGREEMENT NAME PETERS POINT	:
1. TYPE OF WELL Gas Well 8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D	-12-16
2. NAME OF OPERATOR: 9. API NUMBER: BILL BARRETT CORP 43007500680000	
3. ADDRESS OF OPERATOR: PHONE NUMBER: 9. FIELD and POOL or WILDCAT PETERS POINT PETERS POINT	
4. LOCATION OF WELL FOOTAGES AT SURFACE: CARBON 0210 FSL 1385 FWL	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 27 Township: 12.0S Range: 16.0E Meridian: S STATE: UTAH	
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTION	
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR	
□ NOTICE OF INTENT □ CHANGE TO PREVIOUS PLANS □ CHANGE TUBING □ CHANGE WELL NAME Approximate date work will start:	
☐ CHANGE WELL STATUS ☐ COMMINGLE PRODUCING FORMATIONS ☐ CONVERT WELL TYPE	
□ SUBSEQUENT REPORT Date of Work Completion: □ DEEPEN □ FRACTURE TREAT □ NEW CONSTRUCTION	
OPERATOR CHANGE PLUG AND ABANDON PLUG BACK	
SPUD REPORT Date of Spud: PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FO	RMATION
REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON	
☐ TUBING REPAIR ☐ VENT OR FLARE ☐ WATER DISPOSAL	
▼ DRILLING REPORT Report Date: 7/1/2011 □ WATER SHUTOFF □ SI TA STATUS EXTENSION □ APD EXTENSION	
7/1/2011	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. July 2011 Monthly Drilling Activity Report attached.	
Accepted by the	
Utah Division of	
Oil, Gas and Mining	
FOR RECORD O	NLY
NAME (PLEASE PRINT) Brady Riley PHONE NUMBER Permit Analyst TITLE Permit Analyst	
SIGNATURE DATE N/A 8/4/2011	



Peter's Point #14-27D-12-16 7/4/2011 06:00 - 7/5/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

Peter's Point #14-27D-12-16 7/5/2011 06:00 - 7/6/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

MI Camron well head. Cutoff and set tubing head and tree. Pressure test packing to 5000 psi. - 0, SI. Production working on installation piping. - 24

Potor's	Point #14-27D	-12-16	7/8/2011 06:00 -	7/9/2011 06:00
reter 5	PUIII # 14-21 D	-12-10	//0/ZUII UU.UU =	//3/ZUII UU.UU

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT Carbon West Tavaputs Released for Work 13,732.0 Drilling & Completion

Time Log Summary

SI. Production working on installation piping. - 19, MI Weatherford Wire line. PU 4.5" gauge ring and junkbasket. RIH tag at 13,520 ft. 121 ft. fill on FC. POOH. lay down tools. - 0, SI. Wait on CBL log. - 5

Peter's Point #14-27D-12-16 7/9/2011 06:00 - 7/10/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50068 UT West Tavaputs Released for Work 13,732.0 Drilling & Completion

SI - 10, Weatherford PU CBL logging tool. RIH Log from 13,530 to surface held 1000 psi on casing.CBL, CCL, Gamma Ray log - 6, Lay down tools. SI well. Rig down Release Weatherford. - 8

www.peloton.com Page 1/1 Report Printed: 8/3/2011

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	5	
	DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107
	RY NOTICES AND REPORTS (_	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen e Igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500680000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		E NUMBER: -8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESW Section: 27	IP, RANGE, MERIDIAN: Township: 12.0S Range: 16.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE [ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	_	_	
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
Report Date: 8/31/2011	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	☐ APD EXTENSION
6/31/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all perti 011 Monthly Drilling Activity Re		volumes, etc.
			Accepted by the
			Utah Division of
			l, Gas and Mining
		FOF	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		9/6/2011	



API/UWI 43-007-5	50068		State/Provinc	e	County Carbon	Field Nam	e avaputs	Well Status Released for Work	Total Depth (ftKB) Primary Job Type 13,732.0 Drilling & Cor			
Fime Lo			<i>J</i> 1		Carbon	West i	avaputs	Treleased for Work	13,732.0 Drilling & Cor	прівцоп		
Start Time	Dur (hr)	End Time	Code		Category				Com			
6:00	8.00	14:00	LOCL		ellhead & Sec	ure	SI					
4:00	4.00	18:00	SRIG	Rig Up/				HES frac equipment. Wa	ter manifold.			
8:00	2.00	20:00	SRIG	Rig Up/	/Down		MI Cutter	s Wire line.				
20:00	1.00	21:00	PTST	Pressur	Pressure Test				Y to top valve to 9800 psi OK. Test second casing and tree to 9850 psi. held for 10			
1:00	2.00	23:00	SRIG	Rig Up/	/Down		Rig Cutte	rs EL . PU 15K lub. Funch	ion test wire line BOPs. Wire line flange.			
23:00	2.00	01:00	PFRT	Perfora	Perforating		PU stage 1 Perf guns. RIH could not perf intervals 13,590-13,592. 13,534-13,536. RIH correlate to short jt. run to perf depth tag PB@ . PU check depth to casing collars Perforate @13,518-13,520. 13,394-13,396. 13,366-13,368. 13,240-13,242 & 13,160-13162. 3 SPF. 120 phasing. 23 gram charge350 holes. POOH lay down tools.					
1:00	5.00	06:00	LOCL	Lock W	ellhead & Sec	ure	Shut in fo	r night.				
Peter	's Point	#14-2	7D-12	2-16	8/2/2011	06:00 -	3/3/201	1 06:00				
API/UWI 43-007-5	60068	[5	State/Provinc JT		County Carbon	Field Nam		Well Status Released for Work	Total Depth (ftKB) Primary Job Type 13,732.0 Drilling & Cor			
Time Lo	Dur (hr)	End Time	Code		Category				Com			
06:00	, ,	12:45	LOCL	Lock W	ellhead & Sec		SI		Outil			
12:45		13:00	SMTG		Meeting		Safety Meet. Frac pressure. Water. Flow back. Wire line, Safety on loc.& roads. PPE.					
13:00	0.75	13:45	PTST	Pressur	re Test		Pressure	test pump lines to 9850 P	SI.			
							Total Pro trace stag traced 75 shut in: 6 9884 HHI rate with formation	oppant: 83,300 lbs. ISIP: 6 ge Isotope Ir-192. Form 5 ,600. Conc. (mCi/k) 0.43 ,487 PSI. 15 min. shut in P.Screened out cut short. current hhp. problems wit	100 mesh 7.700 lb. 30/50 prower prop: 75,556 PSI. Frac Gradient: 0.93 psi/ft. Pro Solid. Type ZW. Trace stages .25-1.25pp. Total (mCi) 33. 5 min shut in: 6,504 PSI 6,477 PSI. 30 min. shut in: 6,457 PSI. at .25 ppg did not line out. Could not get to a sand con. Pressure came up in 1.25 pp ush. Cut 570 sacks out of the job.pumped of over flush.	technics g. Amount SI. 10 min vg. HP: designed og stage hit		
15:00	7.00	22:00	DTIM	Downtir	me		Shut dow	n wait on hhp. fron Verna				
22:00	1.00	23:00	SRIG	Rig Up/	/Down			test equip.				
23:00		06:00	LOCL	<u> </u>	ellhead & Sec	ure	Shut in					
	's Point			<u> </u>	8/3/2011			1 06:00				
PI/UWI	3 1 01111		State/Province		County	Field Nam		I Well Status	Total Depth (ftKB) Primary Job Type			
13-007-5	80068		JT		Carbon		avaputs	Released for Work	13,732.0 Drilling & Cor			
ime Lo	g											
Start Time	Dur (hr)	End Time		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Category		0100 500	^	Com			
06:00		12:00	LOCL	ļ	ellhead & Sec	ure	SICP:520					
12:00	4.00	16:00	PFRT	Perfora	Perforating			Cutters EL stage 2 PU HES CFP with perf guns RIH correlate to short jts. run to setting depth. Set CFP EL did not show that plug set. PU. Set on plug. OK. PU to perf depth. pressure test plug pumped through plug at 2.5 BPM @ 7500 psi and climbing. Pumpe 20 bbl. no test . Shut down.				
16:00	3.00	19:00	WLWK	Wireline			Started out of hole pulled to 8400 ft. stuck tools. Open well to open top tanks on 6/64 c Tools came free. SI well. Pulled to 8200 ft. stuck tools.try to flow free could not. HES pumped 100 bbl down casing at 7800 psi @ 2.5 BPM. pumpes kickout at 8000 psi. worked EL tools did not free. Worked tools up to 2200 lb. pull. line jumped and had no tools on line. POOH to 800 ft. stuck EL in lub. Worked to free line. could not free tools.					
19:00		19:00	FBCK	Flowba	ck Well		Flow back	stage 1 to open top tank	s. on# 2 CK work choke up as needed.			
19:00	11.00	06:00	FBCK	Flowba				<u> </u>	eded to lower psi. Order braided line truck	to fish pe		
		#112	7D-12	2-16	8/4/2011	06:00 - 8	8/5/201	1 06:00				
Peter	's Point	4 14-7										
Peter	's Point		State/Province		County	Field Nam		Well Status	Total Depth (ftKB) Primary Job Type			



Time Lo	~				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	, ,	12:00	FBCK	Flowback Well	Flowing stage 1. Worked chokes up to 22 ck. recovered 490 bbl.
12:00	1.00	13:00	SMTG	Safety Meeting	MI Cutter Braided wire line truck. Safety Meet About stripping wire line out of wellbore.
13:00	1.50	14:30	WLWK	Wireline	open well on 2" flow line clamp and strip line out of wellbore. Recovered all wire line. No line left in wellbore.
14:30	3.00	17:30	SRIG	Rig Up/Down	Rig down EL truck rig up Breaded line and crane, 10 K Hyd BOPs, 10 K lub PU 1-7/16 over shot, Jars, weight bars. RIH latch on perf guns at 8636 ft. Jar and work fish out of wellbore hanging up on casing collars draging 1100 lbs over weight of tools. on surface had to work tools through frac tree. SI well.
17:30	3.00	20:30	CTUW	W/L Operation	Bleed off lub. perf guns setting tool with HES 10K frac plug on tools.frac plug was partly set. Bottom set of slip band was broke the couse of dragging out of wellbore hanging up on casing collars.
20:30	2.00	22:30	CTUW	W/L Operation	PU 4.50" gauge ring weight bars. RIH to 13100 ft. POOH lay down G ring and bars.
22:30	2.50	01:00	SRIG	Rig Up/Down	Rig down braided line truck and crane. RU EL truck and crane lub.
01:00	2.00	03:00	PFRT	Perforating	Cutter EL stage 2 Mancos. PU HES CFP with 14 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 13,050 PU. Perforate @ 13,000-13,002. 12,955-12,957. 12,946-12,948, 12,908-12,912, 12,861-12,863 & 12,842-12,844. 3 SPF, 120 phasing, 23 gram charge350 holes. POOH SI.Lay down tools.
03:00	3.00	06:00	LOCL	Lock Wellhead & Secure	SIFN
Datas	la Daint	44.4.0	7D 40	16 9/5/2011 06:00	0/6/2014 06:00

Peter's Point #14-27D-12-16 8/5/2011 06:00 - 8/6/2011 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-007-50068	lut	Carbon	West Tavaputs	Released for Work	13.732.0	Drilling & Completion

43-007-0	,0000	۲	<i>,</i> 1	Carbon	I vvest 1	avapato	Released for Work	13,732.0 Drilling & Completion		
Time Lo	g									
Start Time	Dur (hr)	End Time	Code	Category				Com		
06:00	6.00	12:00	LOCL	Lock Wellhead & Secure		SICP: 39	21			
12:00	0.50	12:30	PTST	Pressure Test		Pressure test pump lines				
12:30	0.50	13:00	DTIM	Downtime		Wait on Protechnics. Tire problems.				
13:00	0.25	13:15	SMTG	Safety Meeting			eet. Frac. Pressure, Flow lii anks. Flow back. Wire line.	nes. Pump rates. Max pressure 10,000 lb. Water Shut down if needed.		
13:15	1.50	14:45	FRAC	Frac. Job		Slurry Ra Pressure Fluid Pur Proppant PSI. 10 n Protechn thru. 2 pp was on fo truck.kep	te: 55 BPM. Avg. Pressure 19,761 PSI. 15% HCL acid ped: 165,338 gal.100 mes 1107,400 lbs. ISIP:6,169 Phin. shut in: 5,986 PSI. 15 nics trace sand stages Isotog Amount Traced: Concormation. pumps kicked out sand off until pressure line zone to completion. Flusher	er. Load & Break @8,095 PSI @14.2 BPM. Avg. 18.835 PSI. Max Slurry Rate: 63.1 BPM Max 11.1000 gal. Total Slick water: 164:338 gal. Total h:5.900 lbs. 30/50 PowerProp: 101,500 lb. Total SI. Frac Gradient:0.92 psi/ft. 5 min.shut in 6,017 nin. shut in: 5968 psi. 30 min shut in: 5,936 psi. pps Ir- Form Solid. Type ZW. Traced Stages .25 (mCi/k) Total (mCi) Pressure came up as 1 ppg t at 9800 psi Global kickout kicked killed alled out. brought sand concentration up slowly. ed wellbore75 bbl over flush. successfully flushed		
14:45	2.00	16:45	WLWK	Wireline		Cutters E	L 4.50 gauge ring to 12,850) ft. POOH lay down tools.		
16:45	2.50	19:15	PFRT	Perforating		short jt. ru 12,658-1	un to setting depth set CFP 2,660. 12,584-12,586. 12,	10K CFP with 12 ft. perf guns. RIH correlate to @ 12,800 ft. PU Perforate @ 12,740-12,742. 518-12,520. 12,454-12,456 & 12,400-12,402. 3350 holes. POOH turn well over to frac.		
19:15	1.50	20:45	FRAC	Frac. Job		pumping trucks. Ha PSI. Max Total Flui Total Pro psi/ft. 5 r min. shut ZW. Trad	acid. (Halliburton lost primad to fix leak on flow meter. Slurry Rate:54.7 BPM. Md Pumped:146,878 gal. 10 ppant:85,800 lbs. 1000 gal. nin shut in: 5,756 psi. 10 min: 5,714 psi. Protechnics to	er. Load & Break @7651 PSI @14.4 BPM.After ne on all truck at start of pad stage. Shut down prime on all truck at start of pad stage. Shut down prime on all truck at start of pad stage. Shut down prime on all truck at start of pad stage. Shut down prime on all truck at start of pad stages. Total Slick Water: 145,878 on Mesh:8800 lbs. 30/50 PowerProp:77,000 lbs. 15% Acid. ISIP:5,708 PSI. Frac Gradient:0.90 in. shut in:5,750 psi. 15 min shut in: 5,742 psi. 30 trace sand stages. Isotope Ir Form Solid. Type Amount Traced: Conc. (mCi/k) Total (mCi) 5 bbl over flush.		
20:45	1.50	22:15	WLWK	Wireline		Cutters E	L 4.50 gauge ring to 12,37	5 ft. POOH lay down tools.		
22:15	1.50	23:45	PFRT	Perforating		run to set 12,278.	ting depth set CFP @ 12,3 12,260-12,262. 12,138-12,	S CFP with 14 ft. perf guns. RIH correlate to short jt. 875 ft. PU . Perforate @ 12,330-12,332. 12,276- 140. 12,056-12,058 & 11,938-11,940. 3 SPF. 120 s. POOH turn well over to frac.		



)											
Time Lo		_				_					
Start Time	Dur (hr)	End Time		Category				Com			
23:45	1.50	01:15	FRAC	Frac. Job		Slurry Ra Pressure: acid.100 1000 gal. stages. 5	te: 63.1 BPM. Avg. Pressure: 8986 PSI.Total Slick Water:1 mesh:10,400 lb. 30/50 Power 15% Acid. ISIP:5,565 PSI. fr	Load & Break @6750 PSI @11.9 BPM. Avg. 7145 PSI. Max. Slurry Rate:63.9 BPM. Max. 60,778 gal. Total Fluid:161,778 gal. 1000 gal Prop:88,700 lbs. Total Proppant: 99,100 lbs. ac Gradient:0.90 psi/ft. Protechnics traced sand 6,426 psi. 15 min shut in: 5,402 psi. 30 min shut pore with 75 bbl over flush.			
01:15	4.75	06:00	LOCL	Lock Wellhead & Secu	ıre	SIFN.					
Peter	's Point	#14-2	7D-12	2-16 8/6/2011 0)6·00 - 8	8/7/201	1 06:00				
API/UWI State/Province County Field N							Well Status	Total Depth (ftKB) Primary Job Type			
43-007-		l	UT	Carbon	West Ta	avaputs	Released for Work	13,732.0 Drilling & Completion			
Time Lo		I Fad Time	Cada	Cotononi		1		C			
Start Time 06:00	` '	End Time	SMTG	Safety Meeting		Safety me	ecting	Com			
06:30		08:00		Wireline		,	L 4.50 gauge ring to 11850 ft.	POOH lay down tools			
08:00		09:30		Wireline			0 0 0	CFP with 14 ft. perf guns. RIH correlate to short jt.			
08.00	1.50	09.30	WLVVK	Wileline		run to set 11746,11	ting depth set CFP @ 11,840 667-11669,11596-11598, 115	off. PU. Perforate @ 11808-11810,11744-)4-11536, 11502-11504, 11446-11448. 3 SPF. es. POOH turn well over to frac.			
09:30	1.75	11:15	FRAC	Frac. Job		Slurry Ra Pressure: 15% acid lbs . ISIF shut in:5, psi. Succe Had truck	S frac stage 5 Mancos Slick water. Load & Break @ 6708 PSI 14.6 BPM. Avg. 177 Rate: 61.7 BPM. Avg. Pressure: 7271 PSI. Max. Slurry Rate: 63.6 BPM. Max. 278 PSI. Total Slick Water: 247,037 gal. Total Fluid: 248,037 gal. 1000 gal 279 acid.100 mesh: 20,000 lb. 30/50 PowerProp: 172,300 lbs.Total Proppant: 192,300 . ISIP: 5,500 PSI. frac Gradient: 0.91 psi/ft. Protechnics traced sand stages. 5 min at in:5,338 10 min shut in: 5,306 psi. 15 min shut in: 5,286 psi. 30 min shut in: 5,250 . Successfully flushed wellbore with 75 bbl over flush.				
11:15	1.50	12:45	WLWK	Wireline		Cutters E	L 4.50 gauge ring to 11365 ft.	POOH lay down tools.			
12:45	1.50	14:15	PFRT	Perforating		Cutters EL stage 6 Mancos. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 11,360 ft. PU . Perforate @ 11335-11337, 11294-11296, 11258-11260, 11220-11222, 11154-11156. 3 SPF. 120 phasing. 23 gram charge350 holes. POOH turn well over to frac.					
14:15	1.50	15:45	FRAC	Frac. Job		HES frac stage 6 Mancos Slick water. Load & Break @ 6576 PSI 12.3 BPM. Avg. Slurry Rate: 45.8 BPM. Avg. Pressure: 6550 PSI. Max. Slurry Rate: 47.5 BPM. Max. Pressure: 7932 PSI.Total Slick Water: 141,474 gal. Total Fluid: 142,474 gal. 1000 gal 15% acid.100 mesh: 9,300 lb. 30/50 PowerProp: 80,000 lbs.Total Proppant: 89,300 lbs ISIP: 5,012 PSI. frac Gradient: 0.89 psi/ft. Protechnics traced sand stages. 5 min shut in: 4,865 psi. 15 min shut in: 4,852 psi. 30 min shut in: 4,8348 psi. Successfully flushed wellbore with 75 bbl over flush.					
15:45	1.50	17:15	WLWK	Wireline		Cutters E	L 4.50 gauge ring to 11,070 f	t. POOH lay down tools.			
17:15		18:45	PFRT	Perforating		Cutters E jt. run to s 11016, 1	L stage 7 Mancos. PU HES 0 setting depth set CFP @ 11,3 1000-11002, 10988-10990, 10	CFP with 10 ft. perf guns. RIH correlate to short 160 ft. PU . Perforate @ 11036-11038, 11014-1857-10859, 10805-10807, 10730-10732. 3 SPF. es. POOH turn well over to frac.			
18:45	11.25	06:00	LOCL	Lock Wellhead & Secu	ire	WSI well	secure				
Peter	's Point	#14-2	27D-12	-16 8/7/2011 0	06:00 - 8	3/8/201	1 06:00				
API/UWI			State/Provinc	e County	Field Nam	е	Well Status	Total Depth (ftKB) Primary Job Type			
43-007-		l	UT	Carbon	West Ta	avaputs	Released for Work	13,732.0 Drilling & Completion			
Time Lo		Trace.		1				Com			
Start Time 06:00	, ,	End Time	SMTG	Safety Meeting		Safety me	eeting	Com			
06:30				, ,			<u> </u>	and & Break @ 6717 DSL 12.2 DDM Ava			
U0:3U	1.50	08:00	FRAC	Frac. Job		Slurry Ra Pressure: 15% acid lbs ISIP: shut in 4,	te: 57.2 BPM. Avg. Pressure: 9707 PSI.Total Slick Water: .100 mesh: 14,400 lb. 30/50 F 4,782 PSI. frac Gradient: 0.88	Load & Break @ 6717 PSI 12.2 BPM. Avg. 8183 PSI. Max. Slurry Rate: 63.6 BPM. Max. 191,164 gal. Total Fluid: 192164 gal. 1000 gal PowerProp: 119,300 lbs.Total Proppant: 133,700 psi/ft. Protechnics traced sand stages. 5 min 15 min shut in: 4,639 psi. 30 min shut in: 4,598 75 bbl over flush.			
08:00	1.00	09:00	WLWK	Wireline		Cutters E	L 4.50 gauge ring to 10530 ft	. POOH lay down tools.			
	•					•					



Start Time 09:00	Dur (hr)	End Time	0.1.						
		End l'ime		^ .				C	
		10:30	Code	Category		jt. run to s 10450, 10	L stage 8 Mancos. PU HES setting depth set CFP @ 10, 0382-10384, 10338-10340, 1 ing. 23 gram charge350 ho	520 ft. PU . Perforate @ 0296-10298, 10262-102	2 10492-10494, 10448- 64, 10245-10247, 3 SPF.
10:30	1.20	11:42				Slurry Ra Pressure 15% acid lbs ISIP: shut in 4,	stage 8 Mancos Slick water. te: 62.2 BPM. Avg. Pressure 7594 PSI.Total Slick Water: .100 mesh: 13,700 lb. 30/50 4,473 PSI. frac Gradient: 0.8 378 10 min shut in: 4,298 ps Successfully flushed wellbor	: 6301 PSI. Max. Slurry 175,730 gal. Total Fluic PowerProp: 117,400 lbs 7 psi/ft. Protechnics trac i. 15 min shut in: 4,150 p	Rate: 63.7 BPM. Max. l: 176,730 gal. 1000 gal .Total Proppant: 131,100 ced sand stages. 5 min
11:42	1.00	12:42				Cutters E	L 4.50 gauge ring to 10,180	ft. POOH lay down tools	;
12:42	1.50	14:12				jt. run to s 10100, 10	L stage 9 Mancos. PU HES setting depth set CFP @ 10:0036-10038, 10007-10009, 923 gram charge350 holes.	170 ft. PU . Perforate @ 904-9906, 9797-9799, 9	10138-10140, 10098- 768-9770, 3 SPF. 120
14:12	1.50	15:42				Rate: 59 9640 PSI acid.100 ISIP: 3,68 3,973 10 Successf	stage 9 Mancos Slick water. BPM. Avg. Pressure: 7442 F. Total Slick Water: 181,015 gmesh: 14,300 lb. 30/50 Powe 32 PSI. frac Gradient: 0.81 pmin shut in: 3,837 psi. 15 mi ully flushed wellbore with 38 00 sks. 100 mesh pumped 6	SI. Max. Slurry Rate: 63 gal. Total Fluid: 182,015 erProp: 112,600 lbs.Tota si/ft. Protechnics traced in shut in: 3,739 psi. 30 nbbl over flush.	.5 BPM. Max. Pressure: gal. 1000 gal 15% I Proppant: 126,900 lbs sand stages. 5 min shut in nin shut in: 3,498 1psi.
5:42	2.00	17:42	SRIG	Rig Up/Down		WSI while	e HES rigs down.		
17:42	12.30	06:00	FBCK	Flowback Well		Flowbac	well on 18 choke thur Cathed	dral flowback equip. mon	itoring volumes and rates.
Peter	's Point	#14-2	7D-12	-16 8/8/2011 06	6:00 - 8	/9/201	1 06:00		
API/UWI 43-007-5			state/Province	County Carbon	Field Name West Ta		Well Status Released for Work	Total Depth (ftKB) 13,732.0	Primary Job Type Drilling & Completion
Time Lo	Dur (hr)	End Time	Code	Category				Com	
06:00	. ,	06:00		Flowback Well		Flowback	stages 1-9 on a 18 choke th		quip fluid back 1959 bbls.
06:00		06:00							
Peter	's Point	#14-2	7D-12	-16 8/9/2011 06	6:00 - 8	3/10/20	11 06:00		
API/UWI	-0000		state/Province	1 '	Field Name		Well Status	Total Depth (ftKB)	Primary Job Type
13-007-5 Fime Lo			JT	Carbon	West Ta	ivaputs	Released for Work	13,732.0	Drilling & Completion
Start Time	Dur (hr)	End Time	Code	Category				Com	
06:00	24.00	06:00	FBCK	Flowback Well			well thur Cathedral flowback I uint and BBC prod. facility,3		ales at 13:00 flowing thur
Peter	's Point							Transl Donath (MVD)	Drine and Jak Tone
43-007-5	50068		state/Province	County Carbon	Field Name West Ta		Well Status Released for Work	Total Depth (ftKB) 13,732.0	Primary Job Type Drilling & Completion
Γime Lo	g	1		I					
Start Time	Dur (hr)	End Time		Category		0-7		Com	
	12.00	18:00	СТИ	Clean Out		for 1 hour	meting, MIRU 2" CTS CTU d working coil up and down, c and broke just above coil cor	out of hole with Coil and Innector, think this happe	BHA found coil cork
06:00						Ů	t plugs, RDMO coil unit and ales thru Cathedral Flow Bac		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

				ENTITY ACTIO					
perator: _	Bill Barre	ett Corporation	l		Ope	rator Ac	count Nu	ımber: <u>N</u>	2165
ddress:	1099 18	th Street, Suite	2300		- ·				
_ 	ity Den	ver			_				
<u> </u>	state CC)		_{zip} 80202	_	Р	hone Nu	mber: (3	303) 312-8115
		1							· · ·
Vell 1 API Numi	ber		Well	Name	QQ	Sec	Twp	Rng	County
Action Co	ode	Current in Num er		New Entity Number	S	pud Dat	te		ty Assignment fective Date
Comments:									
Vell 2 API Numi	ber		Well	Name	QQ	Sec	Twp	Rng	County
Action Co	ode	Currei En Nu ber	r tity	New Entity Number	S	pud Dat	te		ty Assignment fective Date
Comments:	1)						
Vell 3		—							
API Numi	ber		Well	Name	QQ	Sec	Twp	Rng	County
43007500	068	Peters Point U	Jnit Fed	14-27D-12-16	SESW	27	128	16E	Carbon
Action Co	ode	Current En Number		New Entity Number	s	pud Dat	te		ty Assignment fective Date
		2470		18204	2	2/15/201	1	9	3/9/11
0		2470							, , , , ,

SEP 1 6 2011

RECEIVED

Signature

Title

Permit Analyst

9/16/2011

Date

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

Sundry Number: 20762 API Well Number: 43007500680000

	STATE OF UTAH		FORM 9						
ſ	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107						
SUNDR	Y NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16						
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500680000						
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		PHONE NUMBER: 13 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON						
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESW Section: 2	IIP, RANGE, MERIDIAN: 17 Township: 12.0S Range: 16.0E Meridia	n: S	STATE: UTAH						
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA						
TYPE OF SUBMISSION		TYPE OF ACTION							
	ACIDIZE	ALTER CASING	CASING REPAIR						
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME						
4/15/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE						
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION						
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK						
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION						
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON						
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL						
DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION						
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:						
12. DESCRIBE PROPOSED OR		pertinent details including dates, o	lepths, volumes, etc.						
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC is submitting this sundry to request an exception to BLM Onshore Order #7 and UDOGM R649-3-16-3, allowing the cuttings pit/trench on the Peters Point SW 27 pad to remain open past the allocated time. The pit will be closed after 4/15/2012, when the WTPs special protective measures for wildlife and high county watershed stipulations are lifted. The pit will remain fenced on all four sides until closed. Please contact Brady Riley at 303-312-8115 with questions.									
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE 303 312-8115	R TITLE Permit Analyst							
SIGNATURE N/A		DATE 11/30/2011							

Sundry Number: 20762 API Well Number: 43007500680000

Form 3160-4

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

(August 2007) Expires: July 31, 2010 **BUREAU OF LAND MANAGEMENT** 5. Lease Serial No. UTU08107 WELL COMPLETION OR RECOMPLETION REPORT AND LOG ☑ Gas Well ☐ Dry Other 6. If Indian, Allottee or Tribe Name Ia. Type of Well Oil Well Diff. Resvr. b. Type of Completion New Well ■ Work Over □ Deepen Plug Back Unit or CA Agreement Name and No. UTU63014D Lease Name and Well No.
PETER'S POINT UNIT FEDERAL 14-27D-42 Contact: MEGAN FINNEGAN 2. Name of Operator
BILL BARRETT CORPORATION E-Mail: mfinnegan@billbarrettcorp.com 3a. Phone No. (include area code) Ph: 303-299-9949 1099 18TH STREET SUITE 2300 9. API Well No. 3. Address 43-007-50068 **DENVER, CO 80202** Field and Pool, or Exploratory PETERS POINT 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 210FSL 1385FWL 11. Sec., T., R., M., or Block and Survey or Area Sec 27 T12S R16E Mer SLB At top prod interval reported below SESW 666FSL 2046FWL 12. County or Parish CARBON 13. State UT **SESW 453FSL 2102FWL** At total depth 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, KB, RT, GL)* 14. Date Spudded 02/15/2011 D&A 08/09/2011 05/12/2011 Ready to Prod. 7229 GI MD 20. Depth Bridge Plug Set: MD 19. Plug Back T.D.: 13642 18. Total Depth: MD TVD 13730 TVD 13631 TVD 13681 × 9.3 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, TRIPLE COMBO, GAMMA, MUD No No No Yes (Submit analysis) 22. Was well cored? Yes (Submit analysis)
Yes (Submit analysis) Was DST run? Directional Survey? Yes (Submit analysis) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer Bottom No. of Sks. & Slurry Vol. Cement Top* Amount Pulled Size/Grade WL (#/ft.) Hole Size (MD) Type of Cement (BBL) (MD) Depth 0 40 40 24.000 14.000 COND 36.0 395 101 0 1020 1008 12,250 9.625 J-55 36.0 5.500 P-110 2305 814 772 15000 20.0 13730 13730 8.750 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Depth Set (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) 26. Perforation Record 25. Producing Intervals No. Holes Perf. Status Size Formation Top Bottom Perforated Interval 0.340 306 OPEN MANCOS 9768 TO 13520 A) 9768 13520 B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Amount and Type of Material Depth Interval 9768 TO 13520 MANCOS: SEE TREATMENT STAGES 1 - 9 28. Production - Interval A Oil Gravity Production Method Date First Hours Test Oil Cas Water Cias BBI. Gravity BBL Corr API Tested Production FLOWS FROM WELL 2563.0 302.0 08/09/2011 08/19/2011 24 0.0 Well Status 24 Hr Oil Gas MCF Gas Oil Choke The. Press Csg Water BBL BBI. Flwg Press. Rate Katto PGW 20/64 31 1869.0 O 2563 302 28a. Production - Interval B Oil Gravity Production Method Oil Date First Test Hours Test (ias SEP 07 2011 MCF BBL BBL Cort. API Gravity Produced Dute Lested Production

(See Instructions and spaces for additional data on reverse side)

Oil

24 Hr

Rate

Choke

Size

Tbg Press

Flwg.

Csg Press

Water

BBI

Gas,Oil

Well Status

DIV. OF OIL, GAS & MINING

ELECTRONIC SUBMISSION #116900 VERIFIED BY THE BLM WELL INFORMATION SYSTEM ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

			<u> </u>	<u> </u>		<u> </u>	<u> </u>			<u> </u>		
	uction - Interv		_			1.			·	In a second		
Data First Produced	Test Date	Hours fested	Test Production	Oi/ BBL	Gas MCF		Oil Gravity Corr API	Grav		Production Method		
Choke Size	Tog Press Flwg Sl	Cag Press	24 Hr. Rate	BBT Oil	Gas MCF		Gas Oil Ratio	Well	l Status			
28c. Prod	uction - Interv	al D				etar en						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBI	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gras		Production Method		
Choke Stze	Tbg. Press Flwg Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF		Gas,Oil Ratio	Well	l Status			
29. Dispos	sition of Gas/	Sold, used fi	n fuel, vent	ed, etc.)			<u> </u>		** ** * * *			
30. Summ Show tests, i	ary of Porous	ones of no	rosity and c	ontents there	of: Cored in tool open,	ntervals and all flowing and sh	drill-stem out-in pressures		31. For	mation (Log) Ma	rkers	
	Formation		Тор	Bottom		Descriptions	, Contents, etc.			Name		Top Meas, Depth
32. Additi	onal remarks	(include plu	gging proce	dure):	(00014			, , , , , , , , , , , , , , , , , , , ,	DA PR	ASATCH IRTH HORN IRTH HORN IRTH HORN ICE RIVER INCOS		3239 5121 6764 6974 9741 13730
TOC v groul.	was calculate Attached is	ed by CBL. Trealmen	First sale I Dala.	s was on 8	/9/2011, C	onductor was	s cemented wil	in				
1. Ele	enclosed attac ctrical/Mecha ndry Notice fo	nical Logs (2. Geologic Re 6. Core Analys	* · ·		. DST Rep Other;	port	4. Direction	sal Survey
34. I hereb	oy certify that	the foregoin		onic Submi	ssion #116	900 Verified b	et as determined to the BLM We RATION, sent	ll Infor	mation Sy	records (see atla stem.	ched instructio	ns):
Name	(please print)	MEGAN F	INNEGAN		\ .	<u> </u>	Title <u>PE</u>	RMIT A	NALYST			
Signati	ure <u></u>	(ElectroAic	: Oubmidsi		<u></u>	fr	Date <u>09/</u>	06/201	1			
Title 18 U	.S.C. Section	1001 and Ti	tle 43 U.S.0	C. Section 1:	212, make i	t a crime for an	y person knowl	ngly and	d willfully	to make to any de	epartment or a	gency

Peter's Point Unit Federal 14-27D-12-16 Report Continued*

	44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)								
AMOUNT AND TYPE OF MATERIAL									
Stage	Bbls Slurry	lbs 30/50 Power Prop	lbs 100 Mesh						
1	3,756	75,600	7,700						
2	4,171	101,500	5,900						
3	3,590	77,000	8,800						
4	3,959	88,700	10,400						
5	6,113	172,300	20,000						
6	3,488	80,000	9,300						
7	4,719	119,300	14,400						
8	4,349	117,400	13,700						
9	4,470	112,600	14,300						

^{*}Depth intervals for frac information same as perforation record intervals.

RECEIVED SEP 07 2011

DIV. OF OIL, GAS & MINING



Bill Barrett Corp.

Carbon County, UT [NAD27]
Peter's Point SW 27 Pad
Peter's Point UF 14-27D-12-16

Wellbore #1

Survey: Surveys from Surface

Standard Survey Report

13 May, 2011

RECEIVED SEP 07 2011

DIV. OF OIL, GAS & MINING





Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site: Well: Peter's Point SW 27 Pad Peter's Point UF 14-27D-12-16

Wellbore: Design:

Wellbore #1

Wellbore #1

Local Co-ordinate Reference;

Well Peter's Point UF 14-27D-12-16

TVD Reference:

MD Reference:

GL @ 7227.00ft GL @ 7227.00ft

North Reference:

True

Survey Calculation Method:

Minimum Curvature

Database:

Compass VM

Project

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS)

Geo Datum: Map Zone:

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

Peter's Point SW 27 Pad

Site Position:

Lat/Long

Northing:

514,727,80 usft

Latitude:

39° 44' 17.72 N

From:

Easting:

2.389.682.25 usft

Longitude:

110° 6' 51.14 W

Position Uncertainty:

0.00 ft

Slot Radius:

1.10 ft

Grid Convergence:

0.89°

Well

Peter's Point UF 14-27D-12-16

Well Position

+N/-S +E/-W 0.00 ft 0.00 ft Northing: Easting:

514,727.42 usft 2,389,682.25 usft Latitude: Longitude: 39° 44' 17.72 N

Position Uncertainty

0.00 ft

Wellhead Elevation:

ft

Ground Level:

110° 6' 51.14 W 7,227.00 ft

Wellbore

Wellbore #1

Magnetics

Model Name

Sample Date

Declination

(°)

Dip Angle (°)

Field Strength

(nT)

IGRF200510

03/04/11

11.30

65.55

52,147

Design

Wellbore #1

Audit Notes:

Version:

10

Phase:

ACTUAL

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD)

+N/-S

+E/-W (ft)

Direction

(°)

0.00

0.00

(ft)

0.00

56.69

Survey Program From

(ft)

05/13/11

To

(ft) Survey (Wellbore)

Date

Tool Name

Description

100.00 1,054.00

935.00 Gyro Surveys (Wellbore #1) 13,730.00 Surveys (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Survey

Measured Depth (ft)	Inclination	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate	Turn Rate (%100m)	
		0.00		0.00	0.00	0.00	0.00	0.00	0.00	٠.
0.00	0.000	0.00	0.00			0.00	0.00	0.10	0.00	
100.00	0.100	19.90	100.00	0.08	0.03					
200.00	0.480	321.62	200.00	0.49	-0.20	0.10	0.44	0.38	-58.28	
300.00	0.520	238.89	300.00	0.59	-0.85	-0.39	0.66	0.04	-82.73	
400.00	0.630	305.51	399.99	0.67	-1.69	-1.04	0.64	0.11	66.62	
500.00	0.490	235.10	499.99	0.75	-2.48	-1.67	0.66	-0.14	-70.41	
600.00	0.730	251.58	599.98	0.30	-3.44	-2.71	0.29	0.24	16.48	
700.00	0.490	266.31	699.98	0.07	-4.47	-3.70	0.28	-0.24	14.73	
800.00	0.360	271.69	799.97	0.05	-5.21	-4.33	0.14	-0.13	5.38	
900.00	0.310	264.02	899.97	0.03	-5.79	-4.82	0.07	-0.05	-7.67	



Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site: Well: Peter's Point SW 27 Pad Peter's Point UF 14-27D-12-16

Wellbore: Design:

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft

GL @ 7227.00ft

True

Minimum Curvature

Compass VM

veý									
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
935.00	0.210	268.23	934.97	0.02	-5.95	-4.96	0.29	-0.29	12.03
1,007.80	0.064	316.16	1,007.77	0.05	-6.11	-5.08	0.24	-0.20	65.84
9 5/8"	0.004	310.10	1,007.77	0.00	-0.11	0.00	J		
1,054.00	0.100	37.80	1,053.97	0.10	-6.11	-5,05	0.24	0.08	176.70
1,149.00	2.400	46.50	1,148.94	1.53	-4.61	-3.01	2.42	2.42	9.16
1,244.00	4.200	54.10	1,243.78	4.94	-0.35	2.42	1.95	1.89	8.00
									0.50
1,339.00	5.000	53.60	1,338.47	9.44	5.80	10.03	0.84	0.84	-0.53
1,435.00	5.800	50.30	1,434.05	15.02	12.90	19.03	0.89	0.83	-3.44
1,530.00	6.800	48.90	1,528.47	21.78	20.83	29.37	1.06	1.05	-1.47
1,625.00	5.900	57.70	1,622.89	28.09	29.20	39.83	1.39	-0.95	9.26
1,720.00	5.000	71.30	1,717. 4 7	32.03	37.24	48.71	1.65	-0.95	14.32
1,815.00	5.100	69.40	1,812.10	34.84	45.12	56.84	0.21	0.11	-2.00
1,910.00	5.900	61.20	1,906.66	38.68	53.35	65.83	1.18	0.84	-8.63
2,006.00	6,500	57.80	2,002.10	43,95	62.27	76.18	0.73	0.63	-3.54
2,101.00	5,900	56.40	2,096.54	49.52	70.89	86.44	0.65	-0.63	-1.47
2,196.00	4.700	64.20	2,191.14	53.91	78.46	95.18	1.47	-1.26	8.21
2,291.00	5.200	64.70	2,285.78	57.45	85.86	103.30	0.53	0.53	0.53
2,386.00	5.100	49.70	2,380.40	62.02	92.97	111.75	1.42	-0.11	-15.79
	4.900	51.40	2,476.04	67.34	99.43	120.07	0.26	-0.21	1.77
2,482.00	5.000	66.90	2,569.69	71.45	106.33	128.10	1.42	0.11	16.49
2,576.00 2,672.00		67.70	2,665.32	74.71	114.13	136.41	0.13	0.10	0.83
2,0,2.00	0		- ,,,,,,,,						
2,767.00	5.400	66.20	2,759.92	78.11	122.13	144.96	0.35	0.32	-1.58
2,862.00	5.000	65.80	2,854.53	81.62	129.99	153.46	0.42	-0.42	-0.42
2,957.00	4.700	56.80	2,949.19	85.44	137.03	161.44	0,86	-0.32	-9.47
3,053.00	4.400	56.90 ·	3,044.89	89.61	143.40	169.05	0.31	-0.31	0.10
3,148.00	3.700	45.90	3,139.65	93.73	148.66	175.71	1.10	-0.74	-11.58
3,243.00	4.300	56.80	3,234.42	97.82	153.84	182.28	1.02	0.63	11.47
3,338.00	3.900	57.10	3,329.18	101.52	159.53	189.07	0.42	-0.42	0.32
3,433.00	4.700	63.00	3,423.91	105.04	165.71	196.17	0.96	0.84	6.21
3,528.00	5.600	60.20	3,518.52	109.11	173.20	204.67	0.98	0.95	-2.95
3,624.00	5.600	61.60	3,614.07	113.67	181.39	214.01	0.14	0.00	1.46
0.740.00	F 000	64.00	3,708.60	118.19	189.67	223.41	0.21	0.21	-0.42
3,719.00	5.800	61.20	•		198.30	233.32	0.46	0.42	-1.68
3,814.00	6.200	59.60	3,803.08	123.09	207.02	233.32 243.31	0.46	-0.32	2.21
3,909.00		61.70 57.20	3,897.55	128.00 133.09	207.02	253.30	0.58	0.32	-4.63
4,004.00		57.30	3,992.02			263.30 263.31	0.32	-0.32	-0.53
4,099.00	5.900	56.80	4,086.49	138.54	224.04	203.31	0.32	-0.02	-0.00
4,195.00	5.600	56.30	4,182.01	143.84	232.07	272.93	0.32	-0.31	-0.52
4,290.00	5.300	55.40	4,276.58	148.90	239.54	281.95	0.33	-0.32	-0.95
4,385.00	5.000	54.90	4,371.19	153.77	246.53	290.48	0.32	-0.32	-0.53
4,480.00	5.100	55.20	4,465.82	158.56	253.39	298.84	0.11	0.11	0.32
4,576.00	4.100	61.00	4,561.51	162.66	259.89	306.53	1.15	-1.04	6.04
4,671.00	5.100	61.80	4,656.21	166.30	266.59	314.12	1.05	1.05	0.84
4,766.00		64.30	4,750.77	170.42	274.71	323.16	0.88	0.84	2.63



Survey Report



Company:

Bill Barrett Corp.

Project: Site: Well: Carbon County, UT [NAD27]
Peter's Point SW 27 Pad
Peter's Point UF 14-27D-12-16

Wellbore: Design: Wellbore #1
Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft GL @ 7227.00ft

True

Minimum Curvature

Compass VM

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	inclination (°)	Azimuth	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
4,861.00	5.700	60.40	4,845.28	174.86	283.21	332.71	0.47	-0.21	-4.11
4,956.00	5.400	58.20	4,939.84	179.55	291.11	341.89	0.39	-0.32	-2.32
5,052.00	5.400	60.30	5,035.41	184.17	298.87	350.91	0.21	0.00	2.19
5,052.00	5.400	00.30	3,033.41	104.17	200.01	000.01	0,21	0.00	2.10
5,147.00	5.600	54.00	5,129.97	189.11	306.51	360.00	0.67	0.21	-6.63
5,242.00	5.400	54.10	5,224.54	194.45	313.88	369.10	0.21	-0.21	0.11
5,337.00	5.400	55.30	5,319.12	199.62	321.17	378.03	0.12	0.00	1.26
5,433.00	5.600	57.90	5,414.67	204.68	328.86	387.23	0.33	0.21	2.71
5,528.00	5.600	60.60	5,509.22	209.42	336.82	396.49	0.28	0.00	2.84
5,623.00	6.500	51.50	5,603.69	215.04	345.07	406.47	1.38	0.95	-9.58
5,718.00	7.000	51.50	5,698.03	221.99	353.81	417.59	0.53	0.53	0.00
5,813.00	7.500	53.30	5,792.27	229.30	363.31	429.54	0.58	0.53	1.89
5,909.00	6.500	52.50	5,887.56	236.35	372.64	441.22	1.05	-1.04	-0.83
6,004.00	6.400	52.50	5,981.96	242.85	381.11	451.86	0.11	-0.11	0.00
6,099.00	6.900	51.80	6,076.32	249.60	389.79	462.83	0.53	0.53	-0.74
6,194.00	7.100	52.80	6,170.61	256.68	398.95	474.37	0.25	0.21	1.05
6,289.00	7.100	54.70	6,264.87	263.67	408.49	486.18	0.27	0.11	2.00
6,384.00	7.600	52.80	6,359.08	270.91	418.35	498.40	0.49	0.42	-2.00
•	6.800	52.80 58.80	6,454.32	277.69	428.27	510.41	1.14	-0.83	6.25
6,480.00	6,600	50.00	0,434.32	211.08	420.21	310.41	1.17	-0.00	0.25
6,574.00	5.600	61.50	6,547.77	282.76	437.06	520.54	1.31	-1.28	2.87
6,669.00	5.400	61.60	6,642.33	287.10	445.07	529.61	0.21	-0.21	0.11
6,764.00	4.800	63.50	6,736.96	291.00	452.56	538.01	0.66	-0.63	2.00
6,860.00	4.700	62.10	6,832.63	294.63	459.63	545.92	0.16	-0.10	-1.46
6,955.00	4.600	55.00	6,927.32	298.64	466.19	553.60	0.61	-0.11	-7.47
7,050.00	4.700	52.50	7,022.00	303.19	472.40	561.29	0.24	0.11	-2.63
7,145.00	4.000	60.50	7,116.73	307.19	478.37	568.48	0.97	-0.74	8.42
7,240.00	3.000	77.30	7,211.55	309.37	483.68	574.11	1.50	-1.05	17.68
7,335.00	3.100	99.80	7,306.42	309.48	488.63	578.31	1.26	0.11	23.68
7,430.00	4.400	108.10	7,401.22	307.91	494.63	582.46	1.48	1.37	8.74
7,526.00	5.100	108.70	7,496.89	305.40	502.17	587.39	0.73	0.73	0.63
7,621.00	4.200	97.20	7,591.58	303.61	509.62	592.63	1.36	-0.95	-12.11
7,716.00	4.200	92.70	7,686.32	303.01	516.55	598.09	0.35	0.00	-4.74
7,811.00	4.600	80.60	7,781.04	303.47	523.78	604.39	1.06	0.42	-12.74
7,906.00	3.900	76.70	7,875.78	304.83	530.68	610.90	0.80	-0.74	-4.11
			•						
8,001.00	4.000	61.70	7,970.56	307.15	536.75	617.24	1.09	0.11	-15.79
8,097.00	5.300	47.60	8,066.24	311.73	542.97	624.96	1.79	1.35	-14.69
8,192.00	5.400	44.60	8,160.83	317.87	549.35	633.66	0.31	0.11	-3.16 0.53
8,287.00	5.500	45.10	8,255.40	324.26	555.71	642.49	0.12	0.11	0.53
8,382.00	4.800	45.80	8,350.02	330,25	561.79	650.85	0.74	-0.74	0.74
8,477.00	4.800	44.30	8,444.68	335.86	567.41	658.64	0.13	0.00	-1.58
8,572.00	4.900	45.30	8,539.34	341.56	573.07	666.50	0.14	0.11	1.05
8,667.00	4.000	56.70	8,634.06	346.24	578.72	673.79	1.32	-0.95	12.00
8,762.00	4.800	58.80	8,728.78	350.11	584.89	681.07	0.86	0.84	2.21
8,858.00	6.500	45.80	8,824.31	355.98	592.23	690.42	2.21	1.77	-13.54



Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Peter's Point SW 27 Pad Peter's Point UF 14-27D-12-16

Well: Wellbore:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft

GL @ 7227.00ft

True

Minimum Curvature Compass VM

Wellbore #1 Design: Survey Dogleg Build Turn Vertical Vertical Measured Depth +N/-S +E/-W Section Rate Rate Rate Depth inclination **Azimuth** (°/100ft) (°/100ft) (°/100ft) (ft) (ft) (ft) (ft) (ft) (°) (°) -12.53 702.03 1.89 8,953.00 8.300 33.90 8,918.52 365 43 599 91 2.48 -0.74 1.68 607.38 714.21 0.77 9,048.00 7.600 35:50 9 012 61 376.23 0.00 -4.42 7,600 31,30 9.106.77 386.71 614.29 725.74 0.58 9,143.00 737.27 0.34 0.32 -0.849,238.00 7.900 9.200.91 397.71 620.87 30.50 2 13 409.06 627.84 749.33 0.61 0.53 8.400 32.50 9,293.96 9,332.00 420.64 635.34 761.96 0.17 -0.110.95 8.300 33.40 9,387.95 9 427.00 0.84 9,522.00 7.300 34.20 9,482.07 431.36 642.51 773.84 1.06 -1.052.63 0.80 -0.746.600 36.70 9,576.37 440.73 649.16 784.54 9,617.00 794.40 0.68 -0.63 2.21 9,670.80 448 97 655 53 9,712.00 6.000 38.80 7.37 4.600 45.80 9,765.39 455.50 661.38 802.87 1.62 -1.479,807.00 -1.32 24.16 460.71 670.32 813.20 1.83 91.70 9.955.08 9,997.00 2.100 815.39 1.12 0.00 30.94 10,051.02 459.74 673.58 2.100 121.40 10,093.00 457.06 676.14 816.06 1.22 0.42 28.84 2.500 148.80 10,145.94 10 188.00 0.32 -0.3210,283.00 2.800 148.50 10,240.84 453.31 678.43 815.91 0.32 5.89 680.72 815.52 0.36 0.21 3.000 154.10 10,335.72 449.10 10,378.00 0.32 8.53 682.65 0.56 814.47 3.300 162.20 10,430.58 444.26 10,473.00 812.98 0.23 -0.21 1.79 439 18 684 19 3.100 163.90 10.525.43 10.568.00 7.58 434.42 685.27 811.26 0.50 -0.32171.10 10,620.30 10,663.00 2.800 809.30 0.15 -0.11 2.32 173.30 10,715.19 429.91 685.89 2.700 10.758.00 425.21 686.38 807.13 0.32 0.32 1.47 3.000 174.70 10,810.08 10,853.00 420.29 686.81 804.78 0.11 -0.100.63 2.900 175.30 10,905.95 10.949.00 -0 11 -0.21 11.044.00 2 800 175.10 11,000.83 415.58 687.20 802.53 0.11 1.68 0.13 0.11 687.54 800.22 2.900 176.70 11,095.71 410.87 11,139.00 406.02 688.05 797.99 0.31 0.11 -5.68 11,234.00 3.000 171.30 11,190.59 -1.16 401.19 688.84 795.99 0.12 -0.112.900 170.20 11,285,46 11,329.00 689.78 794.09 0.24 0.21 -2.21 396 31 11,424.00 3.100 168.10 11,380.33 391.17 691.08 792.37 0.34 0.21 -4.84 3 300 163 50 11,475.18 11,519.00 3.700 160.50 11,569.01 385.72 692.86 790.86 0.47 0.43 -3.1911,613.00 2.21 -0.1111,708.00 3.600 162.60 11,663.81 379.98 694.78 789.31 0.18 0.83 0.22 0.21 696.59 787.57 11,804.00 3.800 163.40 11,759.61 374.06 0.03 0.00 0.43 785.76 3.800 163.80 11,853.41 368.08 698.35 11,898.00 0.01 0.00 0.21 362.03 700.09 783.89 11,993.00 3.800 164.00 11,948.20 356.00 701.90 782.10 0.10 0.00 -1.4712,088.00 3.800 162.60 12.042.99 350.02 703.57 780.20 0.28 -0.11 3.89 3 700 166.30 12.137.79 12,183.00 3.800 172.50 12,233.58 343.86 704.72 777.78 0.43 0.10 6.46 12,279.00 3.700 173.20 12,328.38 337.69 705.49 775.04 0.12 -0.110.74 12.374.00 4.95 12,423.17 331.42 705.97 772.00 0.39 0.21 12.469.00 3.900 177.90 1.16 768.51 0.23 0.21 179.00 12,517.94 324,80 706.15 12,564.00 4.100 0.21 -0.42 317 84 706 30 764.81 0.21 4.300 178.60 12,612.68 12,659,00 0.00 -1.05 310.72 706.53 761.10 0.08 12,707.42 12,754.00 4.300 177.60 -2.74 707.00 757.54 0.23 0.11 303.53 12,849.00 4,400 175.00 12.802.14 0.00 -1.77296.21 707.75 754.15 0.14 173 30 12 897 86 12.945.00 4 400 174.70 12,992.59 289.13 708.50 750.88 0.24 -0.21 1.47 13.040.00 4 200 -0.32 -2.21 13,087.35 282.46 709.24 747.83 0.35 13,135.00 3.900 172.60



Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27]
Peter's Point SW 27 Pad
Peter's Point UF 14-27D-12-16

Well: Wellbore: Design:

Wellbore #1 Wellbore #1 Local Co-ordinate Reference;

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well Peter's Point UF 14-27D-12-16

GL @ 7227.00ft

GL @ 7227.00ft

True

Minimum Curvature

Compass VM

Measured	발생생님이.		Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(fi)	(%)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
13,230.00	4.100	169.70	13,182.12	275.91	710.26	745.09	0.30	0.21	-3.05
13,325.00	3.900	167.60	13,276.89	269.42	711.56	742.61	0.26	-0.21	-2.21
13,420.00	4.000	168.30	13,371.67	263.02	712.93	740.24	0.12	0.11	0.74
13,515.00	3.600	170.80	13,466.46	256.83	714.07	737.80	0.46	-0.42	2.63
13,610.00	3.800	167.90	13,561.26	250.80	715.21	735.44	0.29	0.21	-3.05
13,680.00	4.100	171.80	13,631.09	13 ^{246.06}	716.05	733.54	0.58	0.43	5.57
13,730.00	4.100	171.80	13,680.97	242.52	716.56	732.03	0.00	0.00	0.00

Casing Points Measured Vertical		Casing Hole
Depth Depth (ft) (ft) (ft) 1,007.80 1,007.77	Namė 9 5/8"	Diameter Diameter (ft) (ft) 0.80 1.02

Survey Annotations						
Measured	Vertical Depth +	Local Coordina	ites			
(ft)	165	(ft)	(ft)	Comment		
935.00	934.97	0.02	-5.95	End of Gyros	 	

Checked By:	Approved By:			Date:	
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Sundry Number: 28535 API Well Number: 43007500680000

	STATE OF UTAH		FORM 9		
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU08107		
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 14-27D-12-16		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500680000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	9. FIELD and POOL or WILDCAT: PETERS POINT				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0210 FSL 1385 FWL			COUNTY: CARBON		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESW Section: 2	IIP, RANGE, MERIDIAN: 7 Township: 12.0S Range: 16.0E Meridian:	S	STATE: UTAH		
11. CHEC	CAPPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
7/31/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
_	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER: pit closure		
	COMPLETED OPERATIONS. Clearly show all pe on the above referenced well to SW 27 Pad on 7/31/2012.		,		
Brady Riley	303 312-8115	Permit Analyst			
SIGNATURE N/A		DATE 8/3/2012			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101
http://www.blm.gov/ut/st/en.html



IN REPLY REFER TO: 3160 - UTU63014X (UT-922000)

JUN 0 4 2013

RECEIVED
JUN 1 2 2013

DIV. OF OIL, GAS & MINING

Mr. Matt Mulverhill Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, Colorado 80202

Re:

Non-Paying Well Determination

14-27D -12-16 Deep Well

Peter's Point Unit Carbon County, Utah

Dear Mr. Mulverhill:

Pursuant to your request dated May 15, 2013, it has been determined by this office that under existing conditions the following well is not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number

Well Name

Bottom Hole Location

Comp. Date

Lease

4300750068

14-27D-12-16

SE1/SW1/4 Section 27, Township 12S, Range 16E, SLB&M

08/09/2011 UTU08107

All past and future production from this well shall be handled and reported on a lease basis.

If you have any questions, please contact Mickey Coulthard of this office at (801) 539-4042.

Sincerely,

Roger L. Bankert

Chief, Branch of Minerals

Roja L Banker

cc:

Price Field Office Manger (UTG02)

ONRR SITLA UDOGM

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)	Operator Name Change/Merger													
The operator of the well(s) listed below has chan	e:	1/1/2014												
FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202	TO: (New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002													
Phone: 1 (303) 312-8134	Phone: 1 (303) 312-8134						Phone: 1 (713) 659-3500							
CA No.				Unit:	N/A									
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS						
See Attached List														
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was 2. (R649-8-10) Sundry or legal documentation was 3. The new company was checked on the Departs 4a. Is the new operator registered in the State of U	as rece as rece ment (ived fr	om the	NEW operator	on: orporation:	1/7/2014 1/7/2014 s Database on: 8850806-0161		1/28/2014						
5a. (R649-9-2)Waste Management Plan has been re		d on:	101	Not Yet	ber.	8830800-0101								
 5b. Inspections of LA PA state/fee well sites comp 5c. Reports current for Production/Disposition & S 6. Federal and Indian Lease Wells: The BI or operator change for all wells listed on Feder 	Sundrie JM and	es on: d or the			e merger, na	=	BIA	_ N/A						
7. Federal and Indian Units:														
The BLM or BIA has approved the successor 8. Federal and Indian Communization Ag		~			:	N/A								
The BLM or BIA has approved the operator		•		•		N/A								
9. Underground Injection Control ("UIC"					orm 5 Trai		ity to							
Inject, for the enhanced/secondary recovery unDATA ENTRY:	it/proj		-	•			Yes	_						
 Changes entered in the Oil and Gas Database Changes have been entered on the Monthly Oil 		r Chai	nge Sn		-	1/28/2014								
3. Bond information entered in RBDMS on:			-81	1/28/2014	_									
4. Fee/State wells attached to bond in RBDMS on				1/28/2014	-									
5. Injection Projects to new operator in RBDMS of		D 0.1		1/28/2014	-	1 (7) (0 0 1 4								
6. Receipt of Acceptance of Drilling Procedures f				11a no saissad ans		1/7/2014								
7. Surface Agreement Sundry from NEW operator BOND VERIFICATION:	OIIFE	e Suri	ace we	ns received on:		1/7/2014								
1. Federal well(s) covered by Bond Number:				RLB7886										
2. Indian well(s) covered by Bond Number:				RLB7886	_									
3a. (R649-3-1) The NEW operator of any state/fe	e well	(s) liste	ed cove		- umber	· B008371								
3b. The FORMER operator has requested a releas					N/A									
LEASE INTEREST OWNER NOTIFIC 4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner COMMENTS:	has be	een cor			y a letter fro 1/28/2014	om the Division								

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	State	WI	Α
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462	Federal	Federal	WI	A
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	State	WD	A
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	Federal	WD	A
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	Federal	GW	APD
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	Federal	GW	APD
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350		Federal	Federal	GW	APD
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351		Federal	Federal	GW	APD
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030	Federal	Federal	GW	P
STONE CABIN UNIT 1	13	120S	140E	4300716542	12052	Federal	Federal	GW	P
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046	Federal	Federal	GW	P
JACK CANYON 101-A	33	120S	160E	4300730049	2455	Federal	Federal	GW	P
PETERS POINT ST 2-2-13-16	2	130S	160E	4300730521	14387	State	State	GW	P
HUNT RANCH 3-4	3	120S	150E	4300730775	13158	State	Fee	GW	P
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353	Federal	Federal	GW	P
PETERS POINT ST 4-2-13-16	2	130S	160E	4300730866	14386	State	State	GW	P
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897	Federal	Federal	GW	P
PETERS POINT ST 5-2D-13-16 DEEP	2	130S	160E	4300731056	15909	State	State	GW	P
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719	State	State	GW	P
PP ST 8-2D-13-16 (DEEP)	2	130S	160E	4300731280	16069	State	State	GW	P
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204	Federal	Federal	GW	P
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853	Fee	Fee	GW	PA
PETERS POINT ST 6-2D-13-16	2	130S	160E	4300731017	14472	State	State	D	PA
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771	Federal	Federal	GW	S
PETERS POINT ST 8-2D-13-16	2	130S	160E	4300731016	14471	State	State	GW	S

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)			
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	N/A 7. UNIT or CA AGREEMENT NAME:			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	8. WELL NAME and NUMBER:			
1. TYPE OF WELL OIL WELL GAS WELL OTHER	(see attached well list)			
2. NAME OF OPERATING, LLC ENERVEST OPERATING, LLC	9. API NUMBER:			
3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:			
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 (713) 659-3500				
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list)	COUNTY:			
	07475			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA			
TYPE OF SUBMISSION TYPE OF ACTION				
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION			
(Submit in Duplicate) ALTER CASING FRACTURE TREAT ACCUMENTATION ACCUMENTATION	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON			
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION 1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR			
1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE			
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL			
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF			
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:			
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIO	N			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu-	umes, etc.			
ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THA	AT THE WELLS LISTED ON THE			
ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL E	BARRETT CORPORATION			
EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE A	DDRESS BELOW.			
EnerVest Operating, L.L.C.				
1001 Fannin, Suite 800				
Houston, Texas 77002				
713-659-3500 (BLM BOND # RLB 7884 , STATE/FEE BOND # B 00837/				
BILL BARRETT CORPORATION ENERVEST OPERA	ATING, LLC			
Duane Zavadiame (PLEASE PRINT) ROWNELYO	いいら NAME (PLEASE PRINT)			
10 \ \frac{1}{2}				
Senior Vice President - SIGNATURE DIRECTOR - REGU	SIGNATURE			
EH&S, Government and Regulatory Affairs N21165	NYOYO			
NAME (PLEASE PRINT) RONNIE YOUNG TITLE DIRECTOR - R	REGULATORY			
12/10/2013				
SIGNATURE DATE 12/10/2010				
(This space for State use on APPROVED	RECEIVED			

JAN 28 2018 4 RT D'OIL GAS & MINING (See

JAN 07 2014

JACK CANYON UNIT 8-32 32 120S 160E 4300730460 15167 State WI A JACK CYN U ST 14-32 32 120S 160E 4300730913 15166 State WD A PRICKLY PEAR U FED 12-24 24 120S 140E 4300730953 14467 Federal WD A PPU FED 11-23D-12-15 23 120S 150E 4300731440 Federal GW APD PRICKLY PPU FED 14-23D-12-15 23 120S 150E 4300731441 Federal GW APD PRICKLY PPU FED 12-23D-12-15 23 120S 150E 4300731443 Federal GW APD PRICKLY PPU FED 11-34D-12-16 34 120S 160E 4300731465 Federal GW APD PETERS PPU FED 10-34D-12-16 34 120S 160E 4300731469 Federal GW APD PETERS	PEAR PEAR POINT POINT PEAR
PRICKLY PEAR U FED 12-24 24 120S 140E 4300730953 14467 Federal WD A PPU FED 11-23D-12-15 23 120S 150E 4300731440 Federal GW APD PRICKLY PPU FED 4-26D-12-15 23 120S 150E 4300731441 Federal GW APD PRICKLY PPU FED 14-23D-12-15 23 120S 150E 4300731442 Federal GW APD PRICKLY PPU FED 12-23D-12-15 23 120S 150E 4300731443 Federal GW APD PRICKLY PPU FED 11-34D-12-16 34 120S 160E 4300731465 Federal GW APD PETERS PPU FED 10-34D-12-16 34 120S 160E 4300731469 Federal GW APD PETERS	PEAR PEAR POINT POINT
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HORSE BENCH FED 4-27D-12-16 27 120S 160E 4300750092 Federal GW APD	
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PRICKLY PEAR U FED 11-7D-12-15 07 120S 150E 4300750095 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR U FED 13-7D-12-15 07 120S 150E 4300750096 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR U FED 14-7D-12-15 07 120S 150E 4300750097 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 11-8D-12-15 08 120S 150E 4300750124 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 12-8D-12-15 08 120S 150E 4300750125 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 13-8D-12-15 08 120S 150E 4300750126 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 14-8D-12-15 08 120S 150E 4300750127 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 9-21D-12-15 21 120S 150E 4300750128 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 9A-21D-12-15 21 120S 150E 4300750129 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 10-21D-12-15 21 120S 150E 4300750130 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 10A-21D-12-15 21 120S 150E 4300750131 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 15A-21D-12-15 21 120S 150E 4300750132 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 15X-21D-12-15 21 120S 150E 4300750133 Federal . GW APD PRICKLY	PEAR
PRICKLY PEAR UF 16-21D-12-15 21 120S 150E 4300750134 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 16A-21D-12-15 21 120S 150E 4300750135 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 13A-22D-12-15 21 120S 150E 4300750148 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 1A-27D-12-15 22 120S 150E 4300750161 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 2A-27D-12-15 22 120S 150E 4300750162 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 3A-27D-12-15 22 120S 150E 4300750163 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 9A-22D-12-15 22 120S 150E 4300750164 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 10A-22D-12-15 22 120S 150E 4300750165 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 11A-22D-12-15 22 120S 150E 4300750166 Federal GW APD PRICKLY	
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PRICKLY PEAR UF 14A-22D-12-15 22 120S 150E 4300750168 Federal GW APD PRICKLY	
PRICKLY PEAR UF 15A-22D-12-15 22 120S 150E 4300750169 Federal GW APD PRICKLY	
PRICKLY PEAR UF 16A-22D-12-15 22 120S 150E 4300750170 Federal GW APD PRICKLY	
PETERS POINT UF 15X-36D-12-16 36 120S 160E 4300750178 Federal GW APD PETERS	
PRICKLY PEAR UF 15A-15D-12-15 15 120S 150E 4300750180 Federal GW APD PRICKLY	PEAR
PRICKLY PEAR UF 11B-15D-12-15 15 120S 150E 4300750181 Federal GW APD PRICKLY	
PETERS POINT UF 10-1D-13-16 36 120S 160E 4300750182 Federal GW APD PETERS	
PETERS POINT UF 9-1D-13-16 36 120S 160E 4300750183 Federal GW APD PETERS	
PRICKLY PEAR UF 16A-15D-12-15 15 120S 150E 4300750184 Federal GW APD PRICKLY	
PRICKLY PEAR UF 3A-18D-12-15 07 120S 150E 4300750185 Federal GW APD PRICKLY	
PRICKLY PEAR UF 4A-18D-12-15 07 120S 150E 4300750186 Federal GW APD PRICKLY	
PRICKLY PEAR UF 11A-7D-12-15 07 120S 150E 4300750187 Federal GW APD PRICKLY	
PRICKLY PEAR UF 2-18D-12-15 07 120S 150E 4300750188 Federal GW APD PRICKLY	PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08		150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
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PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR OF 13-11D-12-15 PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR OF 13A-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR OF 12-11D-12-13 PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR OF 13A-10D-12-15 PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	14	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	10	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15			150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S 120S	150E 4300750307 150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07		150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S			GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S		Federal			PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	1208	150E 4300750322	Federal	GW	APD	INCKLITEAR

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750122	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750193	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750196	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750198	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	DD IOWI M DE AD
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	Ρ.	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	Р	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-13 PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
			160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	1208	150E 4300731173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UPED 2-22-12-15	22	120S	150E 4300731186 150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S		14794 Federal	GW	r P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	1208	150E 4300731188	14/94 rederal	O W	r	INCMITERN

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW ·	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	80	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E 4300750062	14794 Federal	·GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E 4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068	18204 Federal	GW	P	DESCRIPTION OF THE PROPERTY OF
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P D	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW GW	P P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal 14794 Federal	GW	r P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086		GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087 140E 4300750088	14794 Federal 14794 Federal	GW	r P	PRICKLY PEAR
PRICKLY PEAR UPED 10 12D-12-14	12	120S		14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UPED 10-12D-12-14	12	120S 120S		14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UPED 15-12D-12-14	12			14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300/30091	14/74 I CUCIAI	υw	ı	IMOMITAM

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	. P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR